

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
3 February 2005 (03.02.2005)

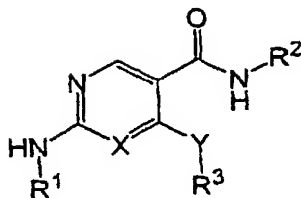
PCT

(10) International Publication Number  
**WO 2005/009443 A1**

- (51) International Patent Classification<sup>7</sup>: **A61K 31/506**, 31/505, C07D 239/46, 239/48
- (74) Agent: **REDDY, G. Prabhakar**; Amgen Inc., M/S 27-4-A, One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).
- (21) International Application Number: PCT/US2004/020243
- (22) International Filing Date: 24 June 2004 (24.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/482,375 24 June 2003 (24.06.2003) US  
10/875,896 23 June 2004 (23.06.2004) US
- (71) Applicant (for all designated States except US): **AMGEN INC.** [US/US]; M/S 27-4-A, One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **NUNES, Joseph J.** [US/US]; 70 Elm Street, Andover, MA 01810 (US). **ZHU, Xiaotian** [US/US]; 137 Temple Street, Newton, MA 02465 (US). **AMOUZEGH, Patricia** [FR/GB]; 4 Merton Close, Didcot, Oxfordshire OX11 8UJ (GB). **GHIRON, Chiara** [IT/GB]; 149 Cumnor Road, Wootton, Oxfordshire OX1 5JS (GB). **JOHNSTON, David N.** [GB/GB]; 111 Milton Park, Abingdon, Oxfordshire OX14 4SD (GB). **POWER, Eoin, Christopher** [IE/GB]; 135 Jackman Close, Abingdon, Oxfordshire OX14 3GB (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: 2-AMINO-4-HYDROXY-5-PYRIMIDINECARBOXAMIDE DERIVATIVES AND RELATED COMPOUNDS AS INHIBITORS OF T CELL ACTIVATION FOR THE TREATMENT OF INFLAMMATORY DISEASES



(57) Abstract: The present invention relates to pyrimidine or pyridine carboxamides or pharmaceutically-acceptable salts thereof. Also included is a method of treatment of inflammation, inhibition of T cell activation and proliferation, arthritis, rheumatoid arthritis, psoriatic arthritis, osteoarthritis, organ transplant, acute transplant or heterograft or homograft rejection, transplantation tolerance induction, ischemic or reperfusion injury, myocardial infarction, stroke, multiple sclerosis, inflammatory bowel disease, including ulcerative colitis, Crohn's disease, lupus, contact hypersensitivity, delayed-type hypersensitivity, and gluten-sensitive enteropathy, type 1 diabetes, psoriasis, contact dermatitis, Hashimoto's thyroiditis, Sjogren's syndrome, autoimmune hyperthyroidism, Addison's disease, autoimmune polyglandular disease, autoimmune alopecia, pernicious anemia, vitiligo, autoimmune hypopituitarism, Guillain-Barre syndrome, glomerulonephritis, serum sickness, urticaria, allergic diseases, asthma, hayfever, allergic rhinitis, scleroderma, mycosis fungoides, dermatomyositis, alopecia areata, chronic actinic dermatitis, eczema, Behcet's disease, Pustulosis palmoplantis, Pyoderma gangrenosum, Sezary's syndrome, atopic dermatitis, systemic sclerosis, morphea, atopic dermatitis, colon carcinoma or thymoma in a mammal comprising administering a therapeutically-effective amount a compound as described above.



---

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*



- 1 -

2-AMINO-4-HYDROXY-5-PYRIMIDINECARBOXAMIDE DERIVATIVES AND RELATED COMPOUNDS AS INHIBITORS OF T CELL ACTIVATION FOR THE TREATMENT OF INFLAMMATORY DISEASES

This application claims the benefit of U.S. Provisional Application No. 60/482,375 filed June 24, 2003, which is hereby incorporated by reference.

### BACKGROUND OF THE INVENTION

T cells play a pivotal role in the regulation of immune responses and are important for establishing immunity to pathogens. In addition, T cells are often activated during inflammatory autoimmune diseases, such as rheumatoid arthritis, inflammatory bowel disease, type I diabetes, multiple sclerosis, Sjogren's disease, myasthenia gravis, psoriasis, and lupus. T cell activation is also an important component of transplant rejection, allergic reactions, and asthma.

T cells are activated by specific antigens through the T cell receptor (TCR) which is expressed on the cell surface. This activation triggers a series of intracellular signaling cascades mediated by enzymes expressed within the cell (Kane, LP et al. *Current Opinion in Immunol.* 200, 12, 242). These cascades lead to gene regulation events that result in the production of cytokines, like interleukin-2 (IL-2). IL-2 is a critical cytokine in T cell activation, leading to proliferation and amplification of specific immune responses.

One class of enzymes shown to be important in signal transduction are the kinases. Members of the Src-family of tyrosine kinases include, for example: Lck, Fyn(B), Fyn(T), Lyn, Src, Yes, Hck, Fgr and Blk (for review see: Bolen, JB, and Brugge, JS *Annu. Rev. Immunol* 1997, 15, 371). Gene disruption studies suggest that inhibition of some members of the src family of kinases would potentially lead to therapeutic benefit. Src(-/-) mice have abnormalities in bone remodeling or osteopetrosis (Soriano, P. *Cell* 1991, 64, 693), suggesting that inhibition of this kinase might be useful in diseases of bone resorption, such as osteoporosis. Lck(-/-) mice have defects in T cell maturation and activation (Anderson, SJ et al. *Adv. Immunol.* 1994, 56, 151), suggesting that inhibition of this kinase might be useful in diseases of T cell mediated inflammation. In addition, human patients have been identified with mutations effecting Lck kinase activity (Goldman, FD et al. *J. Clin.*

- 2 -

Invest.1998, 102, 421). These patients suffer from a severe combined immunodeficiency disorder (SCID).

Ack, a gene containing a tyrosine kinase domain, is also reported to possess tyrosine kinase activity, lending to the belief that it is involved in the regulatory mechanism that sustains the GTP-bound active form of cdc42Hs, which is directly linked to a tyrosine phosphorylation signal transduction pathway (Manser et. Al., Nature 363(6427), 364-367, 1994). More specifically, the activated p21cdc42Hs kinase gene encodes an intracellular, non-receptor tyrosine kinase that binds cdc42Hs in its GTP-bound form and inhibits the GTPase activity of p21cdc42, a Ras-like protein involved in cell growth. Accordingly, Ack is a target believed to be useful in the regulation of cancer.

Without wishing to imply that the compounds disclosed in the present invention possess pharmacological activity only by virtue of an effect on a single biological process, it is believed that the compounds modulate T cell activation by way of inhibition of one or more of the multiple protein tyrosine kinases involved in early signal transduction steps leading to T cell activation, for example by way of inhibition of Lck kinase.

Src-family kinases are also important for signaling downstream of other immune cell receptors. Fyn, like Lck, is involved in TCR signaling in T cells (Appleby, MW et al. Cell 1992, 70, 751). Hck and Fgr are involved in Fcγ receptor signaling leading to neutrophil activation (Vicentini, L. et al. J. Immunol. 2002, 168, 6446). Lyn and Src also participate in Fcγ receptor signaling leading to release of histamine and other allergic mediators (Turner, H. and Kinet, J-P Nature 1999, 402, B24). These findings suggest that Src family kinase inhibitors may be useful in treating allergic diseases and asthma.

Src kinases have also been found to be activated in tumors including sarcoma, melanoma, breast, and colon cancers suggesting that Src kinase inhibitors may be useful anti-cancer agents (Abram, CL and Courtneidge, SA Exp. Cell Res. 2000, 254, 1).

Src kinase inhibitors have also been reported to be effective in an animal model of cerebral ischemia (R. Paul et al. Nature Medicine 2001, 7, 222),

- 3 -

suggesting that Src kinase inhibitors may be effective at limiting brain damage following stroke.

Several groups have published on inhibitors of Src family kinase and the activities of these inhibitors in various in vitro and in vivo biological systems. These include the 2-phenylamino-imidazo [4,5-h]isoquinolin-9-ones (Snow, RJ et al. J. Med. Chem. 2002, 45, 3394), the pyrazolo [3,4-d]pyrimidines (Burchat, AF et al. Bioorganic and Med. Chem. Letters 2002, 12, 1687. Hanke, JH et al. J. Biol. Chem. 1996, 271, 695), the pyrrolo [2,3-d]pyrimidines (Altmann, E et al. Bioorganic and Med. Chem. Letters 2001, 11, 853), the anilinoquinazolines (Wang, YD et al. Bioorganic and Med. Chem. Letters 2000, 10, 2477), and the imidazoquinoxalines (Chen, P. et al. Bioorganic and Med. Chem. Letters 2002, 12, 3153).

#### BRIEF DESCRIPTION OF THE INVENTION

The compounds of the present invention inhibit the Src-family of protein tyrosine kinases, such as Lck, Fyn(B), Fyn(T), Lyn, Src, Yes, Hck, Fgr and Blk, as well as other protein tyrosine kinases including Ack, and are thus useful in the treatment, including prevention and therapy, of protein tyrosine kinase-associated disorders such as immunologic disorders. "Protein tyrosine kinase-associated disorders" are those disorders which result from aberrant tyrosine kinase activity, and/or which are alleviated by the inhibition of one or more of these enzymes. For example, Lck inhibitors are of value in the treatment of a number of such disorders (for example, the treatment of autoimmune diseases), as Lck inhibition blocks T cell activation. The treatment of T cell mediated diseases, including inhibition of T cell activation and proliferation, is a preferred embodiment of the present invention. Compounds of the present invention, which selectively block T cell activation and proliferation are preferred. Also, compounds of the present invention which may block the activation of endothelial cell protein tyrosine kinase by oxidative stress, thereby limiting surface expression of adhesion molecules that induce neutrophil binding, and which can inhibit protein tyrosine kinase necessary for neutrophil activation would be useful, for example, in the treatment of ischemia and reperfusion injury.

- 4 -

The present invention also provides methods for the treatment of protein tyrosine kinase-associated disorders, comprising the step of administering to a subject in need thereof at least one compound of the formula I in an amount effective therefore. Other therapeutic agents such as those described below may be employed with the inventive compounds in the present methods. In the methods of the present invention, such other therapeutic agent(s) may be administered prior to, simultaneously with or following the administration of the compound(s) of the present invention.

Use of the compound(s) of the present invention in treating protein tyrosine kinase-associated disorders is exemplified by, but is not limited to, treating a range of disorders such as: arthritis (such as rheumatoid arthritis, psoriatic arthritis or osteoarthritis); transplant (such as organ transplant, acute transplant or heterograft or homograft (such as is employed in burn treatment)) rejection; protection from ischemic or reperfusion injury such as ischemic or reperfusion injury incurred during organ transplantation, myocardial infarction, stroke or other causes; transplantation tolerance induction; multiple sclerosis; inflammatory bowel disease, including ulcerative colitis and Crohn's disease; lupus (systemic lupus erythematosus); graft vs. host diseases; T-cell mediated hypersensitivity diseases, including contact hypersensitivity, delayed-type hypersensitivity, and gluten-sensitive enteropathy (Celiac disease); Type 1 diabetes; psoriasis; contact dermatitis (including that due to poison ivy); Hashimoto's thyroiditis; Sjogren's syndrome; Autoimmune Hyperthyroidism, such as Graves' Disease; Addison's disease (autoimmune disease of the adrenal glands); Autoimmune polyglandular disease (also known as autoimmune polyglandular syndrome); autoimmune alopecia; pernicious anemia; vitiligo; autoimmune hypopituitarism; Guillain-Barre syndrome; other autoimmune diseases; cancers where Ack and Lck or other Src-family kinases such as Src are activated or overexpressed, such as colon carcinoma and thymoma, or cancers where Src-family kinase activity facilitates tumor growth or survival; glomerulonephritis, serum sickness; urticaria; allergic diseases such as respiratory allergies (asthma, hayfever, allergic rhinitis) or skin allergies; scleroderma; mycosis fungoides; acute inflammatory responses (such as acute respiratory distress syndrome and ischemia/reperfusion injury); dermatomyositis; alopecia areata;

- 5 -

chronic actinic dermatitis; eczema; Behcet's disease; Pustulosis palmoplanteris; Pyoderma gangrenum; Sezary's syndrome; atopic dermatitis; systemic sclerosis; and morphea. The present invention also provides for a method for treating the aforementioned disorders such as atopic dermatitis by administration of a therapeutically effective amount of a compound of the present invention, which is an inhibitor of protein tyrosine kinase, to a patient in need of such treatment.

Src-family kinases other than Lck, such as Hck and Fgr, are important in the Fc $\gamma$  receptor induced respiratory burst of neutrophils as well as the Fc $\gamma$  receptor responses of monocytes and macrophages. The compounds of the present invention may inhibit the Fc $\gamma$  induced respiratory burst response in neutrophils, and may also inhibit the Fc $\gamma$  dependent production of TNF $\alpha$ . The ability to inhibit Fc $\gamma$  receptor dependent neutrophil, monocyte and macrophage responses would result in additional anti-inflammatory activity for the present compounds in addition to their effects on T cells. This activity would be especially of value, for example, in the treatment of inflammatory diseases, such as arthritis or inflammatory bowel disease. The present compounds may also be of value for the treatment of autoimmune glomerulonephritis and other instances of glomerulonephritis induced by deposition of immune complexes in the kidney that trigger Fc $\gamma$  receptor responses and which can lead to kidney damage.

In addition, certain Src family kinases, such as Lyn and Fyn(B), may be important in the Fc $\epsilon$  receptor induced degranulation of mast cells and basophils that plays an important role in asthma, allergic rhinitis, and other allergic disease. Fc $\epsilon$  receptors are stimulated by IgE-antigen complexes. The compounds of the present invention may inhibit the Fc $\epsilon$  induced degranulation responses. The ability to inhibit Fc $\epsilon$  receptor dependent mast cell and basophil responses may result in additional anti-inflammatory activity for the present compounds beyond their effect on T cells.

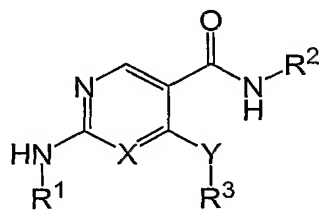
The combined activity of the present compounds towards monocytes, macrophages, T cells, etc. may prove to be a valuable tool in the treatment of any of the aforementioned disorders.

In a particular embodiment, the compounds of the present invention are useful for the treatment of the aforementioned exemplary disorders irrespective of their etiology, for example, for the treatment of rheumatoid arthritis, transplant

- 6 -

rejection, multiple sclerosis, inflammatory bowel disease, lupus, graft v. host disease, T cell mediated hypersensitivity disease, psoriasis, Hashimoto's thyroiditis, Guillain-Barre syndrome, cancer, contact dermatitis, allergic disease such as allergic rhinitis, asthma, ischemic or reperfusion injury, or atopic dermatitis whether or not associated with PTK.

The compounds of the invention are represented by the following general structure:



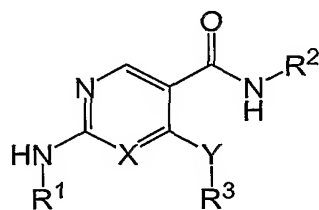
I

wherein X, Y, R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are defined herein below.

The foregoing merely summarizes certain aspects of the invention and is not intended, nor should it be construed, as limiting the invention in any way. All patents and other publications recited herein are hereby incorporated by reference in their entirety.

#### DETAILED DESCRIPTION OF THE INVENTION

In accordance with the present invention, one aspect of the invention relates to a compound of Formula I



I

or a pharmaceutically-acceptable salt thereof, wherein

X is N or CH;

Y is NH, O or S;

R<sup>1</sup> is selected from -R<sup>11</sup>, -R<sup>11</sup>-R<sup>12</sup>, -R<sup>11</sup>-R<sup>14</sup>, -R<sup>12</sup>-R<sup>14</sup>, -R<sup>11</sup>-R<sup>12</sup>-R<sup>14</sup>, -R<sup>11</sup>-R<sup>13</sup>-R<sup>14</sup>, -R<sup>12</sup>-R<sup>13</sup>-R<sup>14</sup>, -R<sup>11</sup>-R<sup>13</sup>-R<sup>12</sup>-R<sup>14</sup> and -R<sup>11</sup>-R<sup>12</sup>-R<sup>13</sup>-R<sup>14</sup>, any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from R<sup>c</sup>;

- 7 -

$R^2$  is selected from  $-R^{21}$ ,  $-R^{21}-R^{22}$ ,  $-R^{21}-R^{24}$ ,  $-R^{22}-R^{24}$ ,  $-R^{21}-R^{22}-R^{24}$ ,  $-R^{21}-R^{23}-R^{24}$ ,  $-R^{22}-R^{23}-R^{24}$ ,  $-R^{21}-R^{23}-R^{22}-R^{24}$  and  $-R^{21}-R^{22}-R^{23}-R^{24}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ ;

$R^3$  is selected from  $-R^{31}$ ,  $-R^{31}-R^{32}$ ,  $-R^{31}-R^{34}$ ,  $-R^{32}-R^{34}$ ,  $-R^{31}-R^{32}-R^{34}$ ,  $-R^{31}-R^{33}-R^{34}$ ,  $-R^{32}-R^{33}-R^{34}$ ,  $-R^{31}-R^{33}-R^{32}-R^{34}$  and  $-R^{31}-R^{32}-R^{33}-R^{34}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ ;

$R^{11}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

$R^{12}$  is independently at each instance  $C_{1-8}$ alkyl;

$R^{13}$  is independently at each instance  $-C(=O)-$ ,  $-C(=O)O-$ ,  $-C(=O)NR^a-$ ,  $-C(=NR^a)NR^a-$ ,  $-O-$ ,  $-OC(=O)-$ ,  $-OC(=O)NR^a-$ ,  $-OC(=O)N(R^a)S(=O)_2-$ ,  $-OC_{2-6}alkylNR^a-$ ,  $-OC_{2-6}alkylO-$ ,  $-S-$ ,  $-S(=O)-$ ,  $-S(=O)_2-$ ,  $-S(=O)_2NR^a-$ ,  $-S(=O)_2N(R^a)C(=O)-$ ,  $-S(=O)_2N(R^a)C(=O)O-$ ,  $-S(=O)_2N(R^a)C(=O)NR^a-$ ,  $-N(R^a)-$ ,  $-N(R^a)C(=O)-$ ,  $-N(R^a)C(=O)O-$ ,  $-N(R^a)C(=O)N(R^a)-$ ,  $-N(R^a)C(=NR^a)N(R^a)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ ;

$R^{14}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

$R^{21}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

$R^{22}$  is independently at each instance  $C_{1-8}$ alkyl;

$R^{23}$  is independently at each instance  $-C(=O)-$ ,  $-C(=O)O-$ ,  $-C(=O)NR^a-$ ,  $-C(=NR^a)NR^a-$ ,  $-O-$ ,  $-OC(=O)-$ ,  $-OC(=O)NR^a-$ ,  $-OC(=O)N(R^a)S(=O)_2-$ ,  $-OC_{2-6}alkylNR^a-$ ,  $-OC_{2-6}alkylO-$ ,  $-S-$ ,  $-S(=O)-$ ,  $-S(=O)_2-$ ,  $-S(=O)_2NR^a-$ ,

- 8 -

-S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-,  
 -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-,  
 -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-;

R<sup>24</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>31</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>32</sup> is independently at each instance C<sub>1-8</sub>alkyl;

R<sup>33</sup> is independently at each instance -C(=O)-, -C(=O)O-, -C(=O)NR<sup>a</sup>-,  
 -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-,  
 -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-,  
 -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-,  
 -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-,  
 -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-;

R<sup>34</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>a</sup> is independently at each instance H or R<sup>b</sup>;

R<sup>b</sup> is independently at each instance C<sub>1-8</sub>alkyl, phenyl or benzyl; and

R<sup>c</sup> is independently at each instance C<sub>1-8</sub>alkyl, C<sub>1-4</sub>haloalkyl, halo, cyano, nitro, -C(=O)R<sup>b</sup>, -C(=O)OR<sup>b</sup>, -C(=O)NR<sup>a</sup>R<sup>a</sup>, -C(=NR<sup>a</sup>)NR<sup>a</sup>R<sup>a</sup>, -OR<sup>a</sup>, -OC(=O)R<sup>b</sup>,  
 -OC(=O)NR<sup>a</sup>R<sup>a</sup>, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>R<sup>b</sup>, -OC<sub>2-6</sub>alkylNR<sup>a</sup>R<sup>a</sup>, -OC<sub>2-6</sub>alkylOR<sup>a</sup>, -SR<sup>a</sup>,  
 -S(=O)R<sup>b</sup>, -S(=O)<sub>2</sub>R<sup>b</sup>, -S(=O)<sub>2</sub>NR<sup>a</sup>R<sup>a</sup>, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)R<sup>b</sup>,  
 -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)OR<sup>b</sup>, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>R<sup>a</sup>, -NR<sup>a</sup>R<sup>a</sup>, -N(R<sup>a</sup>)C(=O)R<sup>b</sup>,



- 9 -

$-N(R^a)C(=O)OR^b$ ,  $-N(R^a)C(=O)NR^aR^a$ ,  $-N(R^a)C(=NR^a)NR^aR^a$ ,  $-N(R^a)S(=O)_2R^b$ ,  
 $-N(R^a)S(=O)_2NR^aR^a$ ,  $-NR^aC_{2-6}alkylNR^aR^a$  or  $-NR^aC_{2-6}alkylOR^a$ .

In one embodiment of the present invention, X is N or CH.

In another embodiment, in conjunction with any of the above or below embodiments, X is N.

In another embodiment, in conjunction with any of the above or below embodiments, X is CH.

In another embodiment, in conjunction with any of the above or below embodiments, Y is NH, O or S.

In another embodiment, in conjunction with any of the above or below embodiments, Y is NH.

In another embodiment, in conjunction with any of the above or below embodiments, Y is O.

In another embodiment, in conjunction with any of the above or below embodiments, Y is S.

Embodiment A: In another embodiment, in conjunction with any of the above or below embodiments,  $R^1$  is selected from  $-R^{11}$ ,  $-R^{11}-R^{14}$ ,  $-R^{11}-R^{12}$ ,  $-R^{12}-R^{14}$ ,  $-R^{11}-R^{12}-R^{14}$ ,  $-R^{11}-R^{13}-R^{14}$ ,  $-R^{12}-R^{13}-R^{14}$ ,  $-R^{11}-R^{13}-R^{12}-R^{14}$  and  $-R^{11}-R^{12}-R^{13}-R^{14}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^1$  is selected from  $-R^{11}$ ,  $-R^{11}-R^{14}$ ,  $-R^{11}-R^{12}$ ,  $-R^{11}-R^{12}-R^{14}$ ,  $-R^{11}-R^{13}-R^{14}$ ,  $-R^{11}-R^{13}-R^{12}-R^{14}$  and  $-R^{11}-R^{12}-R^{13}-R^{14}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^1$  is  $R^{11}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

Embodiment B: In another embodiment, in conjunction with any of the above or below embodiments,  $R^1$  is  $-R^{11}-R^{14}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

- 10 -

Embodiment C: In another embodiment, in conjunction with any of the above or below embodiments,  $R^1$  is  $-R^{11}-R^{12}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^1$  is  $-R^{11}-R^{12}-R^{14}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^1$  is  $-R^{11}-R^{13}-R^{14}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

Embodiment D: In another embodiment, in conjunction with any of the above or below embodiments,  $R^1$  is  $-R^{11}-R^{13}-R^{12}-R^{14}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^1$  is  $-R^{11}-R^{12}-R^{13}-R^{14}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is selected from  $-R^{21}$ ,  $-R^{21}-R^{24}$ ,  $-R^{21}-R^{22}$ ,  $-R^{22}-R^{24}$ ,  $-R^{21}-R^{22}-R^{24}$ ,  $-R^{21}-R^{23}-R^{24}$ ,  $-R^{22}-R^{23}-R^{24}$ ,  $-R^{21}-R^{23}-R^{22}-R^{24}$  and  $-R^{21}-R^{22}-R^{23}-R^{24}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

Embodiment E: In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is selected from  $-R^{21}$ ,  $-R^{21}-R^{24}$ ,  $-R^{21}-R^{22}$ ,  $-R^{21}-R^{22}-R^{24}$ ,  $-R^{21}-R^{23}-R^{24}$ ,  $-R^{21}-R^{23}-R^{22}-R^{24}$  and  $-R^{21}-R^{22}-R^{23}-R^{24}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

Embodiment F: In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is  $R^{21}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is  $-R^{21}-R^{24}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is  $-R^{21}-R^{22}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

- 11 -

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is  $-R^{21}-R^{22}-R^{24}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is  $-R^{21}-R^{23}-R^{24}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

Embodiment G: In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is  $-R^{21}-R^{23}-R^{22}-R^{24}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is  $-R^{21}-R^{22}-R^{23}-R^{24}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is phenyl substituted by 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is a 2,5-disubstituted phenyl, wherein the two substituents are independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is a 2,5-disubstituted phenyl, wherein the two substituents are independently selected from  $C_{1-2}$ alkyl, halo and  $C_{1-2}$ haloalkyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is a 2,5-disubstituted phenyl, wherein the two substituents are independently selected from  $CH_3$  and Cl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is 2,5-dichlorophenyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^2$  is 2,5-dimethylphenyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^3$  is selected from  $-R^{31}$ ,  $-R^{31}-R^{34}$ ,  $-R^{31}-R^{32}$ ,  $-R^{32}-R^{34}$ ,  $-R^{31}-R^{32}-R^{34}$ ,  $-R^{31}-R^{33}-R^{34}$ ,  $-R^{32}-R^{33}-R^{34}$ ,  $-R^{31}-R^{33}-R^{32}-R^{34}$  and  $-R^{31}-R^{32}-R^{33}-R^{34}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

- 12 -

Embodiment H: In another embodiment, in conjunction with any of the above or below embodiments,  $R^3$  is selected from  $-R^{31}$ ,  $-R^{31}-R^{34}$ ,  $-R^{31}-R^{32}$ ,  $-R^{31}-R^{32}-R^{34}$ ,  $-R^{31}-R^{33}-R^{34}$ ,  $-R^{31}-R^{33}-R^{32}-R^{34}$  and  $-R^{31}-R^{32}-R^{33}-R^{34}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

Embodiment I: In another embodiment, in conjunction with any of the above or below embodiments,  $R^3$  is  $R^{31}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

Embodiment J: In another embodiment, in conjunction with any of the above or below embodiments,  $R^3$  is  $-R^{31}-R^{34}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

Embodiment K: In another embodiment, in conjunction with any of the above or below embodiments,  $R^3$  is  $-R^{31}-R^{32}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^3$  is  $-R^{31}-R^{32}-R^{34}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^3$  is  $-R^{31}-R^{33}-R^{34}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

Embodiment L: In another embodiment, in conjunction with any of the above or below embodiments,  $R^3$  is  $-R^{31}-R^{33}-R^{32}-R^{34}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^3$  is  $-R^{31}-R^{32}-R^{33}-R^{34}$ , which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{11}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

- 13 -

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{11}$  is independently at each instance an unsaturated 5- or 6-membered monocyclic or 9- or 10-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{11}$  is independently at each instance an unsaturated 9- or 10-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{11}$  is independently at each instance an unsaturated 5- or 6-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{11}$  is independently at each instance an unsaturated 5-membered monocyclic ring containing 1 atom selected from N, O and S.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{11}$  is independently at each instance an unsaturated 6-membered monocyclic ring containing 0, 1 or 2 N atoms.

Embodiment M: In another embodiment, in conjunction with any of the above or below embodiments,  $R^{11}$  is phenyl.

Embodiment N: In another embodiment, in conjunction with any of the above or below embodiments,  $R^{11}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

- 14 -

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>11</sup> is independently at each instance an unsaturated 6-membered monocyclic ring containing 1 or 2 N atoms.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>11</sup> is pyridinyl, pyrimidinyl or pyridazinyl.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>12</sup> is independently at each instance C<sub>1-8</sub>alkyl.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>12</sup> is independently at each instance C<sub>1-4</sub>alkyl.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>12</sup> is independently at each instance C<sub>2-4</sub>alkyl.

Embodiment O: In another embodiment, in conjunction with any of the above or below embodiments, R<sup>13</sup> is independently at each instance -C(=O)-, -C(=O)O-, -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>13</sup> is independently at each instance -C(=O)-, -C(=O)O-, -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>13</sup> is independently at each instance -C(=O)-, -C(=O)O-, -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-,

- 15 -

$-N(R^a)C(=NR^a)N(R^a)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{13}$  is  $-O-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{13}$  is  $-N(R^a)-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{13}$  is  $-N(R^a)C(=O)-$ ,  $-C(=O)NR^a-$ ,  $-C(=O)O-$  or  $-OC(=O)-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{13}$  is  $-O-$ ,  $-N(R^a)-$ ,  $-N(R^a)C(=O)-$ ,  $-C(=O)NR^a-$ ,  $-C(=O)O-$  or  $-OC(=O)-$ .

Embodiment P: In another embodiment, in conjunction with any of the above or below embodiments,  $R^{14}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{14}$  is phenyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{14}$  is naphthyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{14}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{14}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

- 16 -

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{14}$  is independently at each instance a saturated 5- or 6-membered monocyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{14}$  is independently at each instance a saturated 5- or 6-membered monocyclic ring containing 1 or 2 N atoms, wherein the carbon atoms of the ring are substituted by 0 or 1 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{14}$  is piperidinyl, piperazinyl or pyrrolidinyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{21}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{21}$  is independently at each instance an unsaturated 5- or 6-membered monocyclic or 9- or 10-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{21}$  is independently at each instance an unsaturated 9- or 10-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{21}$  is independently at each instance an unsaturated 5- or 6-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O



- 17 -

and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>21</sup> is independently at each instance an unsaturated 5-membered monocyclic ring containing 1 atom selected from N, O and S.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>21</sup> is independently at each instance an unsaturated 6-membered monocyclic ring containing 0, 1 or 2 N atoms.

Embodiment Q: In another embodiment, in conjunction with any of the above or below embodiments, R<sup>21</sup> is phenyl.

Embodiment R: In another embodiment, in conjunction with any of the above or below embodiments, R<sup>21</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>21</sup> is independently at each instance an unsaturated 6-membered monocyclic ring containing 1 or 2 N atoms.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>21</sup> is pyridinyl, pyrimidinyl or pyridazinyl.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>12</sup> is independently at each instance C<sub>1-8</sub>alkyl.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>22</sup> is independently at each instance C<sub>1-4</sub>alkyl.

In another embodiment, in conjunction with any of the above or below embodiments, R<sup>22</sup> is independently at each instance C<sub>2-4</sub>alkyl.

Embodiment S: In another embodiment, in conjunction with any of the above or below embodiments, R<sup>23</sup> is independently at each instance -C(=O)-, -C(=O)O-, -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-,

- 18 -

-S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-,  
 -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-,  
 -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-.

In another embodiment, in conjunction with any of the above or below  
 embodiments, R<sup>23</sup> is independently at each instance -C(=O)-, -C(=O)O-,  
 -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-,  
 -OC<sub>2-6</sub>alkylN(R<sup>a</sup>)-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-,  
 -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-,  
 -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-,  
 -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-.

In another embodiment, in conjunction with any of the above or below  
 embodiments, R<sup>23</sup> is independently at each instance -C(=O)-, -C(=O)O-,  
 -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-,  
 -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -OC<sub>2-6</sub>alkylN(R<sup>a</sup>)-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-,  
 -S(=O)<sub>2</sub>NR<sup>a</sup>-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-,  
 -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-,  
 -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or  
 -NR<sup>a</sup>C<sub>2-6</sub>alkylO-.

In another embodiment, in conjunction with any of the above or below  
 embodiments, R<sup>23</sup> is -O-.

In another embodiment, in conjunction with any of the above or below  
 embodiments, R<sup>23</sup> is -N(R<sup>a</sup>)-.

In another embodiment, in conjunction with any of the above or below  
 embodiments, R<sup>23</sup> is -N(R<sup>a</sup>)C(=O)-, -C(=O)NR<sup>a</sup>-, -C(=O)O- or -OC(=O)-.

In another embodiment, in conjunction with any of the above or below  
 embodiments, R<sup>23</sup> is -O-, -N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=O)-, -C(=O)NR<sup>a</sup>-, -C(=O)O- or  
 -OC(=O)-.

Embodiment T: In another embodiment, in conjunction with any of the  
 above or below embodiments, R<sup>24</sup> is independently at each instance a saturated or  
 unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered  
 bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as

- 19 -

the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{24}$  is phenyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{24}$  is naphthyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{24}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{24}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{24}$  is independently at each instance a saturated 5- or 6-membered monocyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{24}$  is independently at each instance a saturated 5- or 6-membered monocyclic ring containing 1 or 2 N atoms, wherein the carbon atoms of the ring are substituted by 0 or 1 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{24}$  is piperidinyl, piperazinyl or pyrrolidinyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the

- 20 -

combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is independently at each instance an unsaturated 5- or 6-membered monocyclic or 9- or 10-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is independently at each instance an unsaturated 9- or 10-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is independently at each instance an unsaturated 5- or 6-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is independently at each instance an unsaturated 5-membered monocyclic ring containing 1 atom selected from N, O and S.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is independently at each instance an unsaturated 6-membered monocyclic ring containing 0, 1 or 2 N atoms.

Embodiment U: In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is phenyl.

Embodiment V: In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

- 21 -

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is independently at each instance an unsaturated 6-membered monocyclic ring containing 1 or 2 N atoms.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{31}$  is pyridinyl, pyrimidinyl or pyridazinyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{32}$  is independently at each instance  $C_{1-8}$ alkyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{32}$  is independently at each instance  $C_{1-4}$ alkyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{32}$  is independently at each instance  $C_{2-4}$ alkyl.

Embodiment W: In another embodiment, in conjunction with any of the above or below embodiments,  $R^{33}$  is independently at each instance  $-C(=O)-$ ,  $-C(=O)O-$ ,  $-C(=O)NR^a-$ ,  $-C(=NR^a)NR^a-$ ,  $-O-$ ,  $-OC(=O)-$ ,  $-OC(=O)NR^a-$ ,  $-OC(=O)N(R^a)S(=O)_2-$ ,  $-OC_{2-6}alkylNR^a-$ ,  $-OC_{2-6}alkylO-$ ,  $-S-$ ,  $-S(=O)-$ ,  $-S(=O)_2-$ ,  $-S(=O)_2NR^a-$ ,  $-S(=O)_2N(R^a)C(=O)-$ ,  $-S(=O)_2N(R^a)C(=O)O-$ ,  $-S(=O)_2N(R^a)C(=O)NR^a-$ ,  $-N(R^a)-$ ,  $-N(R^a)C(=O)-$ ,  $-N(R^a)C(=O)O-$ ,  $-N(R^a)C(=O)N(R^a)-$ ,  $-N(R^a)C(=NR^a)N(R^a)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{33}$  is independently at each instance  $-C(=O)-$ ,  $-C(=O)O-$ ,  $-C(=O)NR^a-$ ,  $-C(=NR^a)NR^a-$ ,  $-OC(=O)-$ ,  $-OC(=O)NR^a-$ ,  $-OC(=O)N(R^a)S(=O)_2-$ ,  $-OC_{2-6}alkylNR^a-$ ,  $-OC_{2-6}alkylO-$ ,  $-S-$ ,  $-S(=O)-$ ,  $-S(=O)_2-$ ,  $-S(=O)_2NR^a-$ ,  $-S(=O)_2N(R^a)C(=O)-$ ,  $-S(=O)_2N(R^a)C(=O)O-$ ,  $-S(=O)_2N(R^a)C(=O)NR^a-$ ,  $-N(R^a)-$ ,  $-N(R^a)C(=O)-$ ,  $-N(R^a)C(=O)O-$ ,  $-N(R^a)C(=O)N(R^a)-$ ,  $-N(R^a)C(=NR^a)N(R^a)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{33}$  is independently at each instance  $-C(=O)-$ ,  $-C(=O)O-$ ,  $-C(=O)NR^a-$ ,  $-C(=NR^a)NR^a-$ ,  $-O-$ ,  $-OC(=O)-$ ,  $-OC(=O)NR^a-$ ,  $-OC(=O)N(R^a)S(=O)_2-$ ,  $-OC_{2-6}alkylNR^a-$ ,  $-OC_{2-6}alkylO-$ ,  $-S-$ ,  $-S(=O)-$ ,  $-S(=O)_2-$ ,  $-S(=O)_2NR^a-$ ,  $-S(=O)_2N(R^a)C(=O)-$ ,  $-S(=O)_2N(R^a)C(=O)O-$ ,  $-S(=O)_2N(R^a)C(=O)NR^a-$ ,  $-N(R^a)C(=O)-$ ,  $-N(R^a)C(=O)O-$ ,  $-N(R^a)C(=O)N(R^a)-$ ,  $-N(R^a)C(=NR^a)N(R^a)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ .

- 22 -

$-N(R^a)C(=NR^a)N(R^a)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{33}$  is  $-O-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{33}$  is  $-N(R^a)-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{33}$  is  $-N(R^a)C(=O)-$ ,  $-C(=O)NR^a-$ ,  $-C(=O)O-$  or  $-OC(=O)-$ .

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{33}$  is  $-O-$ ,  $-N(R^a)-$ ,  $-N(R^a)C(=O)-$ ,  $-C(=O)NR^a-$ ,  $-C(=O)O-$  or  $-OC(=O)-$ .

Embodiment X: In another embodiment, in conjunction with any of the above or below embodiments,  $R^{34}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{34}$  is phenyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{34}$  is naphthyl.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{34}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{34}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

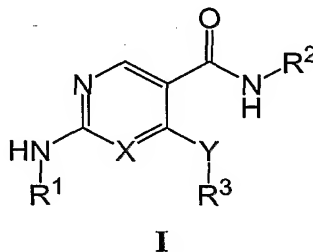
- 23 -

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{34}$  is independently at each instance a saturated 5- or 6-membered monocyclic ring containing 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{34}$  is independently at each instance a saturated 5- or 6-membered monocyclic ring containing 1 or 2 N atoms, wherein the carbon atoms of the ring are substituted by 0 or 1 oxo groups.

In another embodiment, in conjunction with any of the above or below embodiments,  $R^{34}$  is piperidinyl, piperazinyl or pyrrolidinyl.

In yet another embodiment, the invention relates to a compound of Formula I



or a pharmaceutically-acceptable salt thereof, wherein

X is N;

Y is O;

$R^1$  is selected from  $-R^{11}$ ,  $-R^{11}-R^{12}$ ,  $-R^{11}-R^{14}$ ,  $-R^{12}-R^{14}$ ,  $-R^{11}-R^{12}-R^{14}$ ,  $-R^{11}-R^{13}-R^{14}$ ,  $-R^{12}-R^{13}-R^{14}$ ,  $-R^{11}-R^{13}-R^{12}-R^{14}$  and  $-R^{11}-R^{12}-R^{13}-R^{14}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ ;

$R^2$  is selected from  $-R^{21}$  substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ ;

$R^3$  is selected from  $-R^{31}$ ,  $-R^{31}-R^{32}$ ,  $-R^{31}-R^{34}$ ,  $-R^{32}-R^{34}$ ,  $-R^{31}-R^{32}-R^{34}$ ,  $-R^{31}-R^{33}-R^{34}$ ,  $-R^{32}-R^{33}-R^{34}$ ,  $-R^{31}-R^{33}-R^{32}-R^{34}$  and  $-R^{31}-R^{32}-R^{33}-R^{34}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ ;

$R^{11}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S;

- 24 -

$R^{12}$  is independently at each instance  $C_{1-8}$ alkyl;

$R^{13}$  is independently at each instance  $-C(=O)-$ ,  $-C(=O)NR^a-$ ,  $-C(=NR^a)NR^a-$ ,  $-O-$ ,  $-OC_{2-6}alkylNR^a-$ ,  $-OC_{2-6}alkylO-$ ,  $-S-$ ,  $-S(=O)-$ ,  $-S(=O)_2-$ ,  $-S(=O)_2NR^a-$ ,  $-N(R^a)-$ ,  $-N(R^a)C(=O)-$ ,  $-N(R^a)C(=O)N(R^a)-$ ,  $-N(R^a)C(=NR^a)N(R^a)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ ;

$R^{14}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

$R^{21}$  is phenyl;

$R^{31}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S;

$R^{32}$  is independently at each instance  $C_{1-8}$ alkyl;

$R^{33}$  is independently at each instance  $-C(=O)-$ ,  $-C(=O)NR^a-$ ,  $-C(=NR^a)NR^a-$ ,  $-O-$ ,  $-OC_{2-6}alkylNR^a-$ ,  $-OC_{2-6}alkylO-$ ,  $-S-$ ,  $-S(=O)-$ ,  $-S(=O)_2-$ ,  $-S(=O)_2NR^a-$ ,  $-S(=O)_2N(R^a)C(=O)O-$ ,  $-S(=O)_2N(R^a)C(=O)NR^a-$ ,  $-N(R^a)-$ ,  $-N(R^a)C(=O)-$ ,  $-N(R^a)C(=O)N(R^a)-$ ,  $-N(R^a)C(=NR^a)N(R^a)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ ;

$R^{34}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S;

$R^a$  is independently at each instance H or  $R^b$ ;

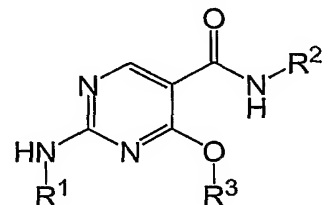
$R^b$  is independently at each instance  $C_{1-8}$ alkyl, phenyl or benzyl; and

$R^c$  is independently at each instance  $C_{1-8}$ alkyl,  $C_{1-4}$ haloalkyl, halo, cyano, nitro,  $-C(=O)R^b$ ,  $-C(=O)OR^b$ ,  $-C(=O)NR^aR^a$ ,  $-C(=NR^a)NR^aR^a$ ,  $-OR^a$ ,  $-OC(=O)R^b$ ,  $-OC(=O)NR^aR^a$ ,  $-OC(=O)N(R^a)S(=O)_2R^b$ ,  $-OC_{2-6}alkylNR^aR^a$ ,  $-OC_{2-6}alkylOR^a$ ,  $-SR^a$ ,  $-S(=O)R^b$ ,  $-S(=O)_2R^b$ ,  $-S(=O)_2NR^aR^a$ ,  $-S(=O)_2N(R^a)C(=O)R^b$ ,  $-S(=O)_2N(R^a)C(=O)OR^b$ ,  $-S(=O)_2N(R^a)C(=O)NR^aR^a$ ,  $-NR^aR^a$ ,  $-N(R^a)C(=O)R^b$ ,  $-N(R^a)C(=O)OR^b$ ,  $-N(R^a)C(=O)NR^aR^a$ ,  $-N(R^a)C(=NR^a)NR^aR^a$ ,  $-N(R^a)S(=O)_2R^b$ ,  $-N(R^a)S(=O)_2NR^aR^a$ ,  $-NR^aC_{2-6}alkylNR^aR^a$  or  $-NR^aC_{2-6}alkylOR^a$ .



- 25 -

As stated above, the above embodiments may be used inconjunction with other embodiments listed. The following table is a non-exclusive, non-limiting list of some of the combinations of embodiments. For the structure



wherein

$R^{12}$ ,  $R^{22}$  and  $R^{32}$  are independently selected from  $C_{1-4}$ alkyl;  $R^{13}$ ,  $R^{23}$  and  $R^{33}$  are independently selected from Embodiments O, S and W, respectively; and  $R^{14}$ ,  $R^{24}$  and  $R^{34}$  are independently selected from Embodiments P, T and X, respectively.

No.	$R^1$	$R^{11}$	$R^2$	$R^{21}$	$R^3$	$R^{31}$
1001	A	M	E	Q	H	U
1002	A	M	E	Q	H	V
1003	A	M	E	Q	I	U
1004	A	M	E	Q	I	V
1005	A	M	E	Q	J	U
1006	A	M	E	Q	J	V
1007	A	M	E	Q	K	U
1008	A	M	E	Q	K	V
1009	A	M	E	Q	L	U
1010	A	M	E	Q	L	V
1011	A	M	E	R	H	U
1012	A	M	E	R	H	V
1013	A	M	E	R	I	U
1014	A	M	E	R	I	V
1015	A	M	E	R	J	U
1016	A	M	E	R	J	V
1017	A	M	E	R	K	U
1018	A	M	E	R	K	V
1019	A	M	E	R	L	U

- 26 -

1020	A	M	E	R	L	V
1021	A	M	F	Q	H	U
1022	A	M	F	Q	H	V
1023	A	M	F	Q	I	U
1024	A	M	F	Q	I	V
1025	A	M	F	Q	J	U
1026	A	M	F	Q	J	V
1027	A	M	F	Q	K	U
1028	A	M	F	Q	K	V
1029	A	M	F	Q	L	U
1030	A	M	F	Q	L	V
1031	A	M	F	R	H	U
1032	A	M	F	R	H	V
1033	A	M	F	R	I	U
1034	A	M	F	R	I	V
1035	A	M	F	R	J	U
1036	A	M	F	R	J	V
1037	A	M	F	R	K	U
1038	A	M	F	R	K	V
1039	A	M	F	R	L	U
1040	A	M	F	R	L	V
1041	A	M	G	Q	H	U
1042	A	M	G	Q	H	V
1043	A	M	G	Q	I	U
1044	A	M	G	Q	I	V
1045	A	M	G	Q	J	U
1046	A	M	G	Q	J	V
1047	A	M	G	Q	K	U
1048	A	M	G	Q	K	V
1049	A	M	G	Q	L	U
1050	A	M	G	Q	L	V

- 27 -

1051	A	M	G	R	H	U
1052	A	M	G	R	H	V
1053	A	M	G	R	I	U
1054	A	M	G	R	I	V
1055	A	M	G	R	J	U
1056	A	M	G	R	J	V
1057	A	M	G	R	K	U
1058	A	M	G	R	K	V
1059	A	M	G	R	L	U
1060	A	M	G	R	L	V
1061	A	N	E	Q	H	U
1062	A	N	E	Q	H	V
1063	A	N	E	Q	I	U
1064	A	N	E	Q	I	V
1065	A	N	E	Q	J	U
1066	A	N	E	Q	J	V
1067	A	N	E	Q	K	U
1068	A	N	E	Q	K	V
1069	A	N	E	Q	L	U
1070	A	N	E	Q	L	V
1071	A	N	E	R	H	U
1072	A	N	E	R	H	V
1073	A	N	E	R	I	U
1074	A	N	E	R	I	V
1075	A	N	E	R	J	U
1076	A	N	E	R	J	V
1077	A	N	E	R	K	U
1078	A	N	E	R	K	V
1079	A	N	E	R	L	U
1080	A	N	E	R	L	V
1081	A	N	F	Q	H	U

- 28 -

1082	A	N	F	Q	H	V
1083	A	N	F	Q	I	U
1084	A	N	F	Q	I	V
1085	A	N	F	Q	J	U
1086	A	N	F	Q	J	V
1087	A	N	F	Q	K	U
1088	A	N	F	Q	K	V
1089	A	N	F	Q	L	U
1090	A	N	F	Q	L	V
1091	A	N	F	R	H	U
1092	A	N	F	R	H	V
1093	A	N	F	R	I	U
1094	A	N	F	R	I	V
1095	A	N	F	R	J	U
1096	A	N	F	R	J	V
1097	A	N	F	R	K	U
1098	A	N	F	R	K	V
1099	A	N	F	R	L	U
1100	A	N	F	R	L	V
1101	A	N	G	Q	H	U
1102	A	N	G	Q	H	V
1103	A	N	G	Q	I	U
1104	A	N	G	Q	I	V
1105	A	N	G	Q	J	U
1106	A	N	G	Q	J	V
1107	A	N	G	Q	K	U
1108	A	N	G	Q	K	V
1109	A	N	G	Q	L	U
1110	A	N	G	Q	L	V
1111	A	N	G	R	H	U
1112	A	N	G	R	H	V

- 29 -

1113	A	N	G	R	I	U
1114	A	N	G	R	I	V
1115	A	N	G	R	J	U
1116	A	N	G	R	J	V
1117	A	N	G	R	K	U
1118	A	N	G	R	K	V
1119	A	N	G	R	L	U
1120	A	N	G	R	L	V
1121	B	M	E	Q	H	U
1122	B	M	E	Q	H	V
1123	B	M	E	Q	I	U
1124	B	M	E	Q	I	V
1125	B	M	E	Q	J	U
1126	B	M	E	Q	J	V
1127	B	M	E	Q	K	U
1128	B	M	E	Q	K	V
1129	B	M	E	Q	L	U
1130	B	M	E	Q	L	V
1131	B	M	E	R	H	U
1132	B	M	E	R	H	V
1133	B	M	E	R	I	U
1134	B	M	E	R	I	V
1135	B	M	E	R	J	U
1136	B	M	E	R	J	V
1137	B	M	E	R	K	U
1138	B	M	E	R	K	V
1139	B	M	E	R	L	U
1140	B	M	E	R	L	V
1141	B	M	F	Q	H	U
1142	B	M	F	Q	H	V
1143	B	M	F	Q	I	U

- 30 -

1144	B	M	F	Q	I	V
1145	B	M	F	Q	J	U
1146	B	M	F	Q	J	V
1147	B	M	F	Q	K	U
1148	B	M	F	Q	K	V
1149	B	M	F	Q	L	U
1150	B	M	F	Q	L	V
1151	B	M	F	R	H	U
1152	B	M	F	R	H	V
1153	B	M	F	R	I	U
1154	B	M	F	R	I	V
1155	B	M	F	R	J	U
1156	B	M	F	R	J	V
1157	B	M	F	R	K	U
1158	B	M	F	R	K	V
1159	B	M	F	R	L	U
1160	B	M	F	R	L	V
1161	B	M	G	Q	H	U
1162	B	M	G	Q	H	V
1163	B	M	G	Q	I	U
1164	B	M	G	Q	I	V
1165	B	M	G	Q	J	U
1166	B	M	G	Q	J	V
1167	B	M	G	Q	K	U
1168	B	M	G	Q	K	V
1169	B	M	G	Q	L	U
1170	B	M	G	Q	L	V
1171	B	M	G	R	H	U
1172	B	M	G	R	H	V
1173	B	M	G	R	I	U
1174	B	M	G	R	I	V

- 31 -

1175	B	M	G	R	J	U
1176	B	M	G	R	J	V
1177	B	M	G	R	K	U
1178	B	M	G	R	K	V
1179	B	M	G	R	L	U
1180	B	M	G	R	L	V
1181	B	N	E	Q	H	U
1182	B	N	E	Q	H	V
1183	B	N	E	Q	I	U
1184	B	N	E	Q	I	V
1185	B	N	E	Q	J	U
1186	B	N	E	Q	J	V
1187	B	N	E	Q	K	U
1188	B	N	E	Q	K	V
1189	B	N	E	Q	L	U
1190	B	N	E	Q	L	V
1191	B	N	E	R	H	U
1192	B	N	E	R	H	V
1193	B	N	E	R	I	U
1194	B	N	E	R	I	V
1195	B	N	E	R	J	U
1196	B	N	E	R	J	V
1197	B	N	E	R	K	U
1198	B	N	E	R	K	V
1199	B	N	E	R	L	U
1200	B	N	E	R	L	V
1201	B	N	F	Q	H	U
1202	B	N	F	Q	H	V
1203	B	N	F	Q	I	U
1204	B	N	F	Q	I	V
1205	B	N	F	Q	J	U

- 32 -

1206	B	N	F	Q	J	V
1207	B	N	F	Q	K	U
1208	B	N	F	Q	K	V
1209	B	N	F	Q	L	U
1210	B	N	F	Q	L	V
1211	B	N	F	R	H	U
1212	B	N	F	R	H	V
1213	B	N	F	R	I	U
1214	B	N	F	R	I	V
1215	B	N	F	R	J	U
1216	B	N	F	R	J	V
1217	B	N	F	R	K	U
1218	B	N	F	R	K	V
1219	B	N	F	R	L	U
1220	B	N	F	R	L	V
1221	B	N	G	Q	H	U
1222	B	N	G	Q	H	V
1223	B	N	G	Q	I	U
1224	B	N	G	Q	I	V
1225	B	N	G	Q	J	U
1226	B	N	G	Q	J	V
1227	B	N	G	Q	K	U
1228	B	N	G	Q	K	V
1229	B	N	G	Q	L	U
1230	B	N	G	Q	L	V
1231	B	N	G	R	H	U
1232	B	N	G	R	H	V
1233	B	N	G	R	I	U
1234	B	N	G	R	I	V
1235	B	N	G	R	J	U
1236	B	N	G	R	J	V



- 33 -

1237	B	N	G	R	K	U
1238	B	N	G	R	K	V
1239	B	N	G	R	L	U
1240	B	N	G	R	L	V
1241	C	M	E	Q	H	U
1242	C	M	E	Q	H	V
1243	C	M	E	Q	I	U
1244	C	M	E	Q	I	V
1245	C	M	E	Q	J	U
1246	C	M	E	Q	J	V
1247	C	M	E	Q	K	U
1248	C	M	E	Q	K	V
1249	C	M	E	Q	L	U
1250	C	M	E	Q	L	V
1251	C	M	E	R	H	U
1252	C	M	E	R	H	V
1253	C	M	E	R	I	U
1254	C	M	E	R	I	V
1255	C	M	E	R	J	U
1256	C	M	E	R	J	V
1257	C	M	E	R	K	U
1258	C	M	E	R	K	V
1259	C	M	E	R	L	U
1260	C	M	E	R	L	V
1261	C	M	F	Q	H	U
1262	C	M	F	Q	H	V
1263	C	M	F	Q	I	U
1264	C	M	F	Q	I	V
1265	C	M	F	Q	J	U
1266	C	M	F	Q	J	V
1267	C	M	F	Q	K	U

- 34 -

1268	C	M	F	Q	K	V
1269	C	M	F	Q	L	U
1270	C	M	F	Q	L	V
1271	C	M	F	R	H	U
1272	C	M	F	R	H	V
1273	C	M	F	R	I	U
1274	C	M	F	R	I	V
1275	C	M	F	R	J	U
1276	C	M	F	R	J	V
1277	C	M	F	R	K	U
1278	C	M	F	R	K	V
1279	C	M	F	R	L	U
1280	C	M	F	R	L	V
1281	C	M	G	Q	H	U
1282	C	M	G	Q	H	V
1283	C	M	G	Q	I	U
1284	C	M	G	Q	I	V
1285	C	M	G	Q	J	U
1286	C	M	G	Q	J	V
1287	C	M	G	Q	K	U
1288	C	M	G	Q	K	V
1289	C	M	G	Q	L	U
1290	C	M	G	Q	L	V
1291	C	M	G	R	H	U
1292	C	M	G	R	H	V
1293	C	M	G	R	I	U
1294	C	M	G	R	I	V
1295	C	M	G	R	J	U
1296	C	M	G	R	J	V
1297	C	M	G	R	K	U
1298	C	M	G	R	K	V

- 35 -

1299	C	M	G	R	L	U
1300	C	M	G	R	L	V
1301	C	N	E	Q	H	U
1302	C	N	E	Q	H	V
1303	C	N	E	Q	I	U
1304	C	N	E	Q	I	V
1305	C	N	E	Q	J	U
1306	C	N	E	Q	J	V
1307	C	N	E	Q	K	U
1308	C	N	E	Q	K	V
1309	C	N	E	Q	L	U
1310	C	N	E	Q	L	V
1311	C	N	E	R	H	U
1312	C	N	E	R	H	V
1313	C	N	E	R	I	U
1314	C	N	E	R	I	V
1315	C	N	E	R	J	U
1316	C	N	E	R	J	V
1317	C	N	E	R	K	U
1318	C	N	E	R	K	V
1319	C	N	E	R	L	U
1320	C	N	E	R	L	V
1321	C	N	F	Q	H	U
1322	C	N	F	Q	H	V
1323	C	N	F	Q	I	U
1324	C	N	F	Q	I	V
1325	C	N	F	Q	J	U
1326	C	N	F	Q	J	V
1327	C	N	F	Q	K	U
1328	C	N	F	Q	K	V
1329	C	N	F	Q	L	U

- 36 -

1330	C	N	F	Q	L	V
1331	C	N	F	R	H	U
1332	C	N	F	R	H	V
1333	C	N	F	R	I	U
1334	C	N	F	R	I	V
1335	C	N	F	R	J	U
1336	C	N	F	R	J	V
1337	C	N	F	R	K	U
1338	C	N	F	R	K	V
1339	C	N	F	R	L	U
1340	C	N	F	R	L	V
1341	C	N	G	Q	H	U
1342	C	N	G	Q	H	V
1343	C	N	G	Q	I	U
1344	C	N	G	Q	I	V
1345	C	N	G	Q	J	U
1346	C	N	G	Q	J	V
1347	C	N	G	Q	K	U
1348	C	N	G	Q	K	V
1349	C	N	G	Q	L	U
1350	C	N	G	Q	L	V
1351	C	N	G	R	H	U
1352	C	N	G	R	H	V
1353	C	N	G	R	I	U
1354	C	N	G	R	I	V
1355	C	N	G	R	J	U
1356	C	N	G	R	J	V
1357	C	N	G	R	K	U
1358	C	N	G	R	K	V
1359	C	N	G	R	L	U
1360	C	N	G	R	L	V

- 37 -

1361	D	M	E	Q	H	U
1362	D	M	E	Q	H	V
1363	D	M	E	Q	I	U
1364	D	M	E	Q	I	V
1365	D	M	E	Q	J	U
1366	D	M	E	Q	J	V
1367	D	M	E	Q	K	U
1368	D	M	E	Q	K	V
1369	D	M	E	Q	L	U
1370	D	M	E	Q	L	V
1371	D	M	E	R	H	U
1372	D	M	E	R	H	V
1373	D	M	E	R	I	U
1374	D	M	E	R	I	V
1375	D	M	E	R	J	U
1376	D	M	E	R	J	V
1377	D	M	E	R	K	U
1378	D	M	E	R	K	V
1379	D	M	E	R	L	U
1380	D	M	E	R	L	V
1381	D	M	F	Q	H	U
1382	D	M	F	Q	H	V
1383	D	M	F	Q	I	U
1384	D	M	F	Q	I	V
1385	D	M	F	Q	J	U
1386	D	M	F	Q	J	V
1387	D	M	F	Q	K	U
1388	D	M	F	Q	K	V
1389	D	M	F	Q	L	U
1390	D	M	F	Q	L	V
1391	D	M	F	R	H	U

- 38 -

1392	D	M	F	R	H	V
1393	D	M	F	R	I	U
1394	D	M	F	R	I	V
1395	D	M	F	R	J	U
1396	D	M	F	R	J	V
1397	D	M	F	R	K	U
1398	D	M	F	R	K	V
1399	D	M	F	R	L	U
1400	D	M	F	R	L	V
1401	D	M	G	Q	H	U
1402	D	M	G	Q	H	V
1403	D	M	G	Q	I	U
1404	D	M	G	Q	I	V
1405	D	M	G	Q	J	U
1406	D	M	G	Q	J	V
1407	D	M	G	Q	K	U
1408	D	M	G	Q	K	V
1409	D	M	G	Q	L	U
1410	D	M	G	Q	L	V
1411	D	M	G	R	H	U
1412	D	M	G	R	H	V
1413	D	M	G	R	I	U
1414	D	M	G	R	I	V
1415	D	M	G	R	J	U
1416	D	M	G	R	J	V
1417	D	M	G	R	K	U
1418	D	M	G	R	K	V
1419	D	M	G	R	L	U
1420	D	M	G	R	L	V
1421	D	N	E	Q	H	U
1422	D	N	E	Q	H	V

- 39 -

1423	D	N	E	Q	I	U
1424	D	N	E	Q	I	V
1425	D	N	E	Q	J	U
1426	D	N	E	Q	J	V
1427	D	N	E	Q	K	U
1428	D	N	E	Q	K	V
1429	D	N	E	Q	L	U
1430	D	N	E	Q	L	V
1431	D	N	E	R	H	U
1432	D	N	E	R	H	V
1433	D	N	E	R	I	U
1434	D	N	E	R	I	V
1435	D	N	E	R	J	U
1436	D	N	E	R	J	V
1437	D	N	E	R	K	U
1438	D	N	E	R	K	V
1439	D	N	E	R	L	U
1440	D	N	E	R	L	V
1441	D	N	F	Q	H	U
1442	D	N	F	Q	H	V
1443	D	N	F	Q	I	U
1444	D	N	F	Q	I	V
1445	D	N	F	Q	J	U
1446	D	N	F	Q	J	V
1447	D	N	F	Q	K	U
1448	D	N	F	Q	K	V
1449	D	N	F	Q	L	U
1450	D	N	F	Q	L	V
1451	D	N	F	R	H	U
1452	D	N	F	R	H	V
1453	D	N	F	R	I	U

- 40 -

1454	D	N	F	R	I	V
1455	D	N	F	R	J	U
1456	D	N	F	R	J	V
1457	D	N	F	R	K	U
1458	D	N	F	R	K	V
1459	D	N	F	R	L	U
1460	D	N	F	R	L	V
1461	D	N	G	Q	H	U
1462	D	N	G	Q	H	V
1463	D	N	G	Q	I	U
1464	D	N	G	Q	I	V
1465	D	N	G	Q	J	U
1466	D	N	G	Q	J	V
1467	D	N	G	Q	K	U
1468	D	N	G	Q	K	V
1469	D	N	G	Q	L	U
1470	D	N	G	Q	L	V
1471	D	N	G	R	H	U
1472	D	N	G	R	H	V
1473	D	N	G	R	I	U
1474	D	N	G	R	I	V
1475	D	N	G	R	J	U
1476	D	N	G	R	J	V
1477	D	N	G	R	K	U
1478	D	N	G	R	K	V
1479	D	N	G	R	L	U
1480	D	N	G	R	L	V

Another aspect of the invention relates to a pharmaceutical composition comprising a compound according to any one of the above embodiments and a pharmaceutically acceptable carrier.



- 41 -

Another aspect of the invention relates to a method of treatment of inflammation comprising administering a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to a method of inhibition of T cell activation and proliferation in a mammal in need thereof, comprising administering a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to a method of treatment of arthritis, rheumatoid arthritis, psoriatic arthritis, or osteoarthritis in a mammal comprising administering a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to a method of treatment of organ transplant, acute transplant or heterograft or homograft rejection, or transplantation tolerance induction in a mammal comprising administering a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to a method of treatment of ischemic or reperfusion injury, myocardial infarction, or stroke in a mammal in need thereof, comprising administering a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to a method of treatment of multiple sclerosis, inflammatory bowel disease, including ulcerative colitis, Crohn's disease, lupus, contact hypersensitivity, delayed-type hypersensitivity, and gluten-sensitive enteropathy, type 1 diabetes, psoriasis, contact dermatitis, Hashimoto's thyroiditis, Sjogren's syndrome, autoimmune hyperthyroidism, Addison's disease, autoimmune polyglandular disease, autoimmune alopecia, pernicious anemia, vitiligo, autoimmune hypopituitarism, Guillain-Barre syndrome, glomerulonephritis, serum sickness, urticaria, allergic diseases, asthma, hayfever, allergic rhinitis, scleroderma, mycosis fungoides, dermatomyositis, alopecia areata, chronic actinic dermatitis, eczema, Behcet's disease, Pustulosis palmoplantis, Pyoderma gangrenosum, Sezary's syndrome, atopic dermatitis, systemic sclerosis, morphea or atopic dermatitis in a mammal comprising administering a therapeutically-effective amount of a compound according to any one of the above embodiments.

- 42 -

Another aspect of the invention relates to a method of treatment of colon carcinoma or thymoma in a mammal comprising administering a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to the manufacture of a medicament comprising a compound according to any one of the above embodiments.

Another aspect of the invention relates to the manufacture of a medicament for the treatment of inflammation comprising a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to the manufacture of a medicament for the inhibition of T cell activation and proliferation in a mammal in need thereof, comprising a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to the manufacture of a medicament for the treatment of arthritis, rheumatoid arthritis, psoriatic arthritis, or osteoarthritis in a mammal comprising a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to the manufacture of a medicament for the treatment of organ transplant, acute transplant or heterograft or homograft rejection, or transplantation tolerance induction in a mammal comprising a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to the manufacture of a medicament for the treatment of ischemic or reperfusion injury, myocardial infarction, or stroke in a mammal in need thereof, comprising a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to the manufacture of a medicament for the treatment of multiple sclerosis, inflammatory bowel disease, including ulcerative colitis, Crohn's disease, lupus, contact hypersensitivity, delayed-type hypersensitivity, and gluten-sensitive enteropathy, type 1 diabetes, psoriasis, contact dermatitis, Hashimoto's thyroiditis, Sjogren's syndrome, autoimmune hyperthyroidism, Addison's disease, autoimmune polyglandular disease, autoimmune alopecia, pernicious anemia, vitiligo, autoimmune hypopituitarism,

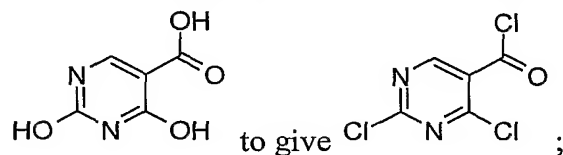
- 43 -

Guillain-Barre syndrome, glomerulonephritis, serum sickness, urticaria, allergic diseases, asthma, hayfever, allergic rhinitis, scleroderma, mycosis fungoides, dermatomyositis, alopecia areata, chronic actinic dermatitis, eczema, Behcet's disease, Pustulosis palmoplantis, Pyoderma gangrenosum, Sezary's syndrome, atopic dermatitis, systemic sclerosis, morphea or atopic dermatitis in a mammal comprising a therapeutically-effective amount of a compound according to any one of the above embodiments.

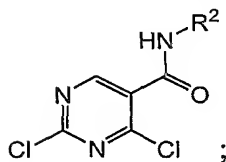
Another aspect of the invention relates to the manufacture of a medicament for the treatment of colon carcinoma or thymoma in a mammal comprising a therapeutically-effective amount of a compound according to any one of the above embodiments.

Another aspect of the invention relates to a method of making a compound as described herein, comprising the steps of:

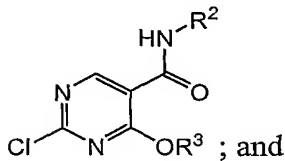
chlorinating a compound having the structure



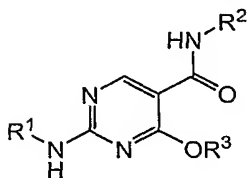
reacting the chlorinated compound with  $R^2NH_2$  to give



reacting the formed amide with  $R^3OH$  to give



reacting the formed ether with  $R^1NH_2$  to give



- 44 -

The compounds of this invention may have in general several asymmetric centers and are typically depicted in the form of racemic mixtures. This invention is intended to encompass racemic mixtures, partially racemic mixtures and separate enantiomers and diastereomers.

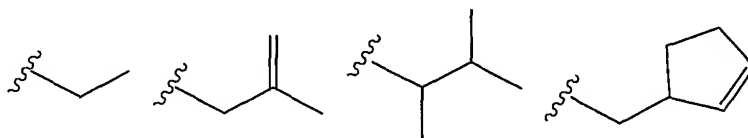
The specification and claims contain listing of species using the language "selected from . . . and . . ." and "is . . . or . . ." (sometimes referred to as Markush groups). When this language is used in this application, unless otherwise stated it is meant to include the group as a whole, or any single members thereof, or any subgroups thereof. The use of this language is merely for shorthand purposes and is not meant in any way to limit the removal of individual elements or subgroups from the genus.

Unless otherwise specified, the following definitions apply to terms found in the specification and claims:

"Aryl" means a phenyl or naphthyl radical, wherein the phenyl may be fused with a C<sub>3-4</sub>cycloalkyl bridge.

"Benzo group", alone or in combination, means the divalent radical C<sub>4</sub>H<sub>4</sub>=, one representation of which is -CH=CH-CH=CH-, that when vicinally attached to another ring forms a benzene-like ring--for example tetrahydronaphthylene, indole and the like.

"C<sub>α-β</sub>alkyl" means an alkyl group comprising from α to β carbon atoms in a branched, cyclical or linear relationship or any combination of the three. The alkyl groups described in this section may also contain double or triple bonds. Examples of C<sub>1-8</sub>alkyl include, but are not limited to the following:

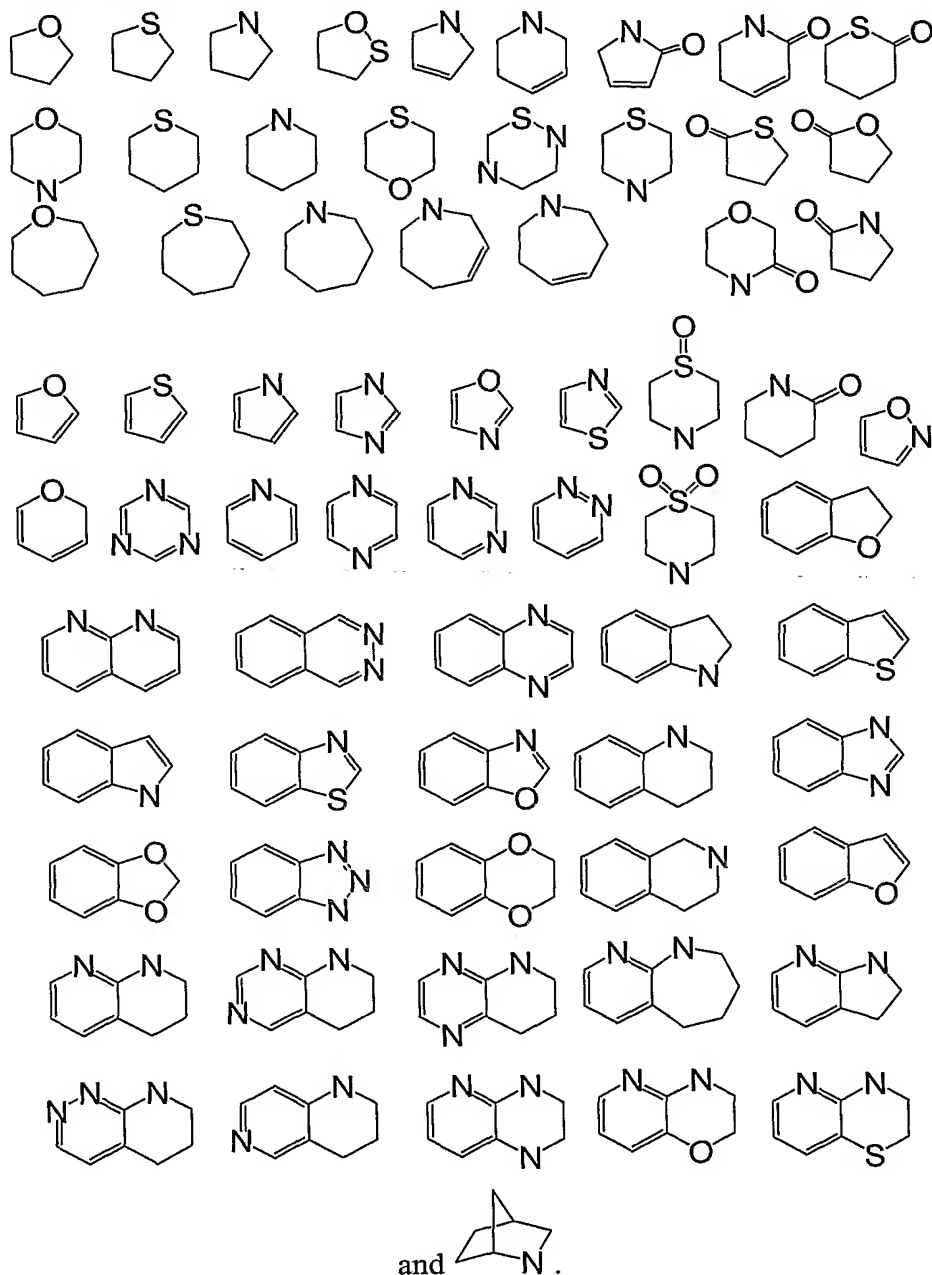


"Halogen" and "halo" mean a halogen atoms selected from F, Cl, Br and I.

"C<sub>α-β</sub>haloalkyl" means an alkyl group, as described above, wherein any number--at least one--of the hydrogen atoms attached to the alkyl chain are replaced by F, Cl, Br or I.

- 45 -

“Heterocycle” means a ring comprising at least one carbon atom and at least one other atom selected from N, O and S. Examples of heterocycles that may be found in the claims include, but are not limited to, the following:



“Saturated or unsaturated” means a substituent that is completely saturated, completely unsaturated, or has any degree of unsaturation in between. Examples of a saturated or unsaturated 6-membered ring carbocycle would include phenyl, cyclohexyl, cyclohexenyl and cyclohexadienyl.

- 46 -

Substituents, including rings and alkyl groups, may be either monovalent or polyvalent depending on the context of their usage. For example, if description contained the group  $R^{\alpha}$ - $R^{\beta}$ - $R^{\gamma}$  and  $R^{\beta}$  was defined as  $C_{1-6}$ alkyl, then the  $R^{\beta}$  alkyl would be considered polyvalent because it must be bonded to at least  $R^{\alpha}$  and  $R^{\gamma}$ . Alternatively, if  $R^{\gamma}$  was defined as  $C_{1-6}$ alkyl, then the  $R^{\gamma}$  alkyl would be monovalent (excepting any further substitution language).

"Pharmaceutically-acceptable salt" means a salt prepared by conventional means, and are well known by those skilled in the art. The "pharmacologically acceptable salts" include basic salts of inorganic and organic acids, including but not limited to hydrochloric acid, hydrobromic acid, sulfuric acid, phosphoric acid, methanesulphonic acid, ethanesulfonic acid, malic acid, acetic acid, oxalic acid, tartaric acid, citric acid, lactic acid, fumaric acid, succinic acid, maleic acid, salicylic acid, benzoic acid, phenylacetic acid, mandelic acid and the like. When compounds of the invention include an acidic function such as a carboxy group, then suitable pharmaceutically acceptable cation pairs for the carboxy group are well known to those skilled in the art and include alkaline, alkaline earth, ammonium, quaternary ammonium cations and the like. For additional examples of "pharmacologically acceptable salts," *see infra* and Berge et al., J. Pharm. Sci. 66:1 (1977).

"Leaving group" generally refers to groups readily displaceable by a nucleophile, such as an amine, a thiol or an alcohol nucleophile. Such leaving groups are well known in the art. Examples of such leaving groups include, but are not limited to, N-hydroxysuccinimide, N-hydroxybenzotriazole, halides, triflates, tosylates and the like. Preferred leaving groups are indicated herein where appropriate.

"Protecting group" generally refers to groups well known in the art which are used to prevent selected reactive groups, such as carboxy, amino, hydroxy, mercapto and the like, from undergoing undesired reactions, such as nucleophilic, electrophilic, oxidation, reduction and the like. Preferred protecting groups are indicated herein where appropriate. Examples of amino protecting groups include, but are not limited to, aralkyl, substituted aralkyl, cycloalkenylalkyl and substituted cycloalkenyl alkyl, allyl, substituted allyl, acyl, alkoxycarbonyl, aralkoxycarbonyl, silyl and the like. Examples of aralkyl include, but are not limited to, benzyl, ortho-methylbenzyl, trityl

- 47 -

and benzhydryl, which can be optionally substituted with halogen, alkyl, alkoxy, hydroxy, nitro, acylamino, acyl and the like, and salts, such as phosphonium and ammonium salts. Examples of aryl groups include phenyl, naphthyl, indanyl, anthracenyl, 9-(9-phenylfluorenyl), phenanthrenyl, durenyl and the like. Examples of cycloalkenylalkyl or substituted cycloalkenylalkyl radicals, preferably have 6-10 carbon atoms, include, but are not limited to, cyclohexenyl methyl and the like. Suitable acyl, alkoxycarbonyl and aralkoxycarbonyl groups include benzyloxycarbonyl, t-butoxycarbonyl, iso-butoxycarbonyl, benzoyl, substituted benzoyl, butyryl, acetyl, tri-fluoroacetyl, tri-chloro acetyl, phthaloyl and the like. A mixture of protecting groups can be used to protect the same amino group, such as a primary amino group can be protected by both an aralkyl group and an aralkoxycarbonyl group. Amino protecting groups can also form a heterocyclic ring with the nitrogen to which they are attached, for example, 1,2-bis(methylene)benzene, phthalimidyl, succinimidyl, maleimidyl and the like and where these heterocyclic groups can further include adjoining aryl and cycloalkyl rings. In addition, the heterocyclic groups can be mono-, di- or tri-substituted, such as nitrophthalimidyl. Amino groups may also be protected against undesired reactions, such as oxidation, through the formation of an addition salt, such as hydrochloride, toluenesulfonic acid, trifluoroacetic acid and the like. Many of the amino protecting groups are also suitable for protecting carboxy, hydroxy and mercapto groups. For example, aralkyl groups. Alkyl groups are also suitable groups for protecting hydroxy and mercapto groups, such as tert-butyl.

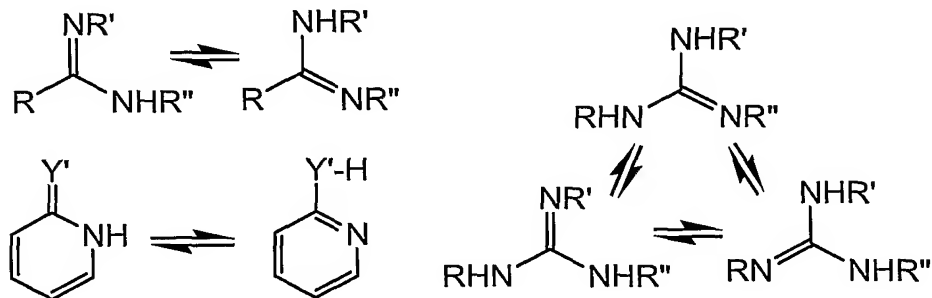
Silyl protecting groups are silicon atoms optionally substituted by one or more alkyl, aryl and aralkyl groups. Suitable silyl protecting groups include, but are not limited to, trimethylsilyl, triethylsilyl, tri-isopropylsilyl, tert-butyldimethylsilyl, dimethylphenylsilyl, 1,2-bis(dimethylsilyl)benzene, 1,2-bis(dimethylsilyl)ethane and diphenylmethylsilyl. Silylation of an amino groups provide mono- or di-silylamino groups. Silylation of aminoalcohol compounds can lead to a N,N,O-tri-silyl derivative. Removal of the silyl function from a silyl ether function is readily accomplished by treatment with, for example, a metal hydroxide or ammonium fluoride reagent, either as a discrete reaction step or in situ during a reaction with the alcohol group. Suitable silylating agents are, for example, trimethylsilyl

- 48 -

chloride, tert-butyl-dimethylsilyl chloride, phenyldimethylsilyl chloride, diphenylmethyl silyl chloride or their combination products with imidazole or DMF. Methods for silylation of amines and removal of silyl protecting groups are well known to those skilled in the art. Methods of preparation of these amine derivatives from corresponding amino acids, amino acid amides or amino acid esters are also well known to those skilled in the art of organic chemistry including amino acid/amino acid ester or aminoalcohol chemistry.

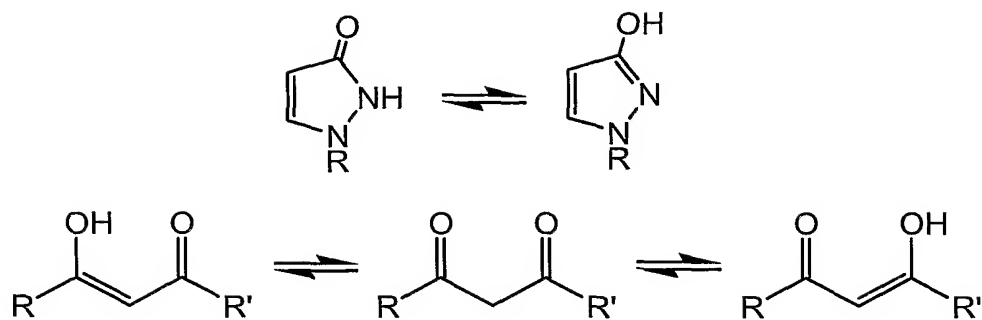
Protecting groups are removed under conditions, which will not affect the remaining portion of the molecule. These methods are well known in the art and include acid hydrolysis, hydrogenolysis and the like. A preferred method involves removal of a protecting group, such as removal of a benzyloxycarbonyl group by hydrogenolysis utilizing palladium on carbon in a suitable solvent system such as an alcohol, acetic acid, and the like or mixtures thereof. A t-butoxycarbonyl protecting group can be removed utilizing an inorganic or organic acid, such as HCl or trifluoroacetic acid, in a suitable solvent system, such as dioxane or methylene chloride. The resulting amino salt can readily be neutralized to yield the free amine. Carboxy protecting group, such as methyl, ethyl, benzyl, tert-butyl, 4-methoxyphenylmethyl and the like, can be removed under hydrolysis and hydrogenolysis conditions well known to those skilled in the art.

It should be noted that compounds of the invention may contain groups that may exist in tautomeric forms, such as cyclic and acyclic amidine and guanidine groups, heteroatom substituted heteroaryl groups ( $Y' = O, S, NR$ ), and the like, which are illustrated in the following examples:





- 49 -



and though one form is named, described, displayed and/or claimed herein, all the tautomeric forms are intended to be inherently included in such name, description, display and/or claim.

Prodrugs of the compounds of this invention are also contemplated by this invention. A prodrug is an active or inactive compound that is modified chemically through in vivo physiological action, such as hydrolysis, metabolism and the like, into a compound of this invention following administration of the prodrug to a patient. The suitability and techniques involved in making and using prodrugs are well known by those skilled in the art. For a general discussion of prodrugs involving esters see Svensson and Tunek *Drug Metabolism Reviews* 165 (1988) and Bundgaard *Design of Prodrugs*, Elsevier (1985). Examples of a masked carboxylate anion include a variety of esters, such as alkyl (for example, methyl, ethyl), cycloalkyl (for example, cyclohexyl), aralkyl (for example, benzyl, p-methoxybenzyl), and alkylcarbonyloxyalkyl (for example, pivaloyloxymethyl). Amines have been masked as arylcarbonyloxymethyl substituted derivatives which are cleaved by esterases in vivo releasing the free drug and formaldehyde (Bundgaard *J. Med. Chem.* 2503 (1989)). Also, drugs containing an acidic NH group, such as imidazole, imide, indole and the like, have been masked with N-acyloxymethyl groups (Bundgaard *Design of Prodrugs*, Elsevier (1985)). Hydroxy groups have been masked as esters and ethers. EP 039,051 (Sloan and Little, 4/11/81) discloses Mannich-base hydroxamic acid prodrugs, their preparation and use.

"Cytokine" means a secreted protein that affects the functions of other cells, particularly as it relates to the modulation of interactions between cells of the immune system or cells involved in the inflammatory response. Examples of cytokines include but are not limited to interleukin 1 (IL-1), preferably IL-1 $\beta$ ,

- 50 -

interleukin 6 (IL-6), interleukin 8 (IL-8) and TNF, preferably TNF- $\alpha$  (tumor necrosis factor- $\alpha$ ).

"TNF, IL-1, IL-6, and/or IL-8 mediated disease or disease state" means all disease states wherein TNF, IL-1, IL-6, and/or IL-8 plays a role, either directly as TNF, IL-1, IL-6, and/or IL-8 itself, or by TNF, IL-1, IL-6, and/or IL-8 inducing another cytokine to be released. For example, a disease state in which IL-1 plays a major role, but in which the production of or action of IL-1 is a result of TNF, would be considered mediated by TNF.

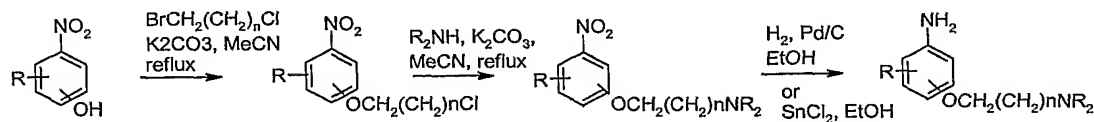
### Synthesis

Compounds according to the invention can be synthesized according to one or more of the following methods. It should be noted that the general procedures are shown as it relates to preparation of compounds having unspecified stereochemistry. However, such procedures are generally applicable to those compounds of a specific stereochemistry, e.g., where the stereochemistry about a group is (S) or (R). In addition, the compounds having one stereochemistry (e.g., (R)) can often be utilized to produce those having opposite stereochemistry (i.e., (S)) using well-known methods, for example, by inversion.

The following Examples are presented for illustrative purposes only and are not intended, nor should they be construed, as limiting the invention in any manner. Those skilled in the art will appreciate that modifications and variations of the compounds disclosed herein can be made without violating the spirit or scope of the present invention.

### Aniline Synthesis

#### General Scheme A



#### General Method A

##### 3-(4-Nitrophenoxy)propyl chloride

Nitrophenol (10 g, 72 mmol) was dissolved in acetonitrile (100 mL) and potassium carbonate (24.9 g, 180 mmol) added followed by bromochloropropane (113.2 g, 720 mmol). The mixture was heated and stirred under reflux overnight. The reaction

- 51 -

was cooled to room temperature, the solid was then filtered off and the solvent evaporated under reduced pressure, taking care to remove all excess alkylating agent, to give the title compound.

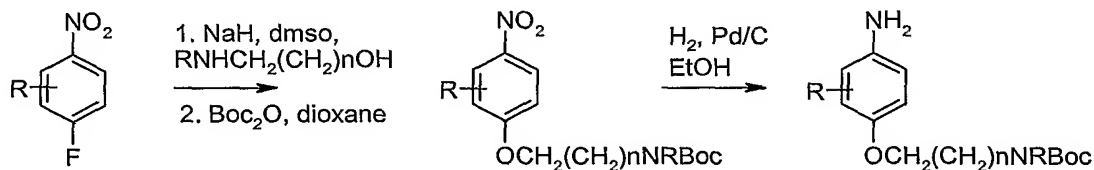
#### ***N,N*-dimethyl-3-(4-nitrophenoxy)propylamine**

A mixture of 3-(4-nitrophenoxy)propyl chloride (2 g, 9.27 mmol), potassium carbonate (7.69 g, 46.4 mmol) and acetonitrile (15 mL) were stirred in a sealed tube and dimethylamine hydrochloride (3.78 g, 46.4 mmol) added quickly. The mixture was stirred and heated overnight at 80 °C. The mixture was cooled well before opening the pressure tube, then water and dichloromethane were added and the aqueous layer was extracted with dichloromethane. The combined organics were dried and evaporated giving the title product. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 1.95 (2H, t, *J* 7 Hz); 2.2 (6H, s); 2.35-2.45 (2H, m); 4.05 (2H, t, *J* 7 Hz); 6.9 (2H, d, *J* 8 Hz); 8.1 (2H, d, *J* 8 Hz)

#### ***N,N*-dimethyl-3-(4-aminophenoxy)propylamine**

*N,N*-dimethyl-3-(4-nitrophenoxy)propylamine (4.4 g, 19.6 mmol) was hydrogenated over Pd (10% on C, 0.4 g) in ethanol (ca 50 mL) for 16 h. The catalysts was filtered off and the solvent removed under reduced pressure to afford the title compound as a brown oil. <sup>1</sup>H NMR (400 MHz, dmso-d<sub>6</sub>): 1.95 (2H, t, *J* 6.5 Hz); 2.25 (6H, s); 2.35-2.45 (2H, m); 3.95 (2H, t, *J* 6.5 Hz); 4.7 (2H, bs); 6.9 (2H, d, *J* 8 Hz); 8.1 (2H, d, *J* 8 Hz); 6.65 (2H, d, *J* 8 Hz); 6.75 (2H, d, *J* 8 Hz)

#### **General Scheme B**



#### **General Method B**

##### **Isopropyl-[2-(4-nitrophenoxy)ethyl]amine**

Deprotonation of DMSO (anhydrous, 5 mL) was effected with NaH (0.40g, 60 wt% in mineral oil, 10 mmol) over 30 min at 40 °C with stirring under a nitrogen atmosphere. When 2-isopropylaminoethanol (1.15 mL, 10 mmol) was added to the solution of the DMSO anion at room temperature, some effervescence occurred. 4-Fluoronitrobenzene (1.06 mL, 10 mmol) was added after 10 min and the dark red

- 52 -

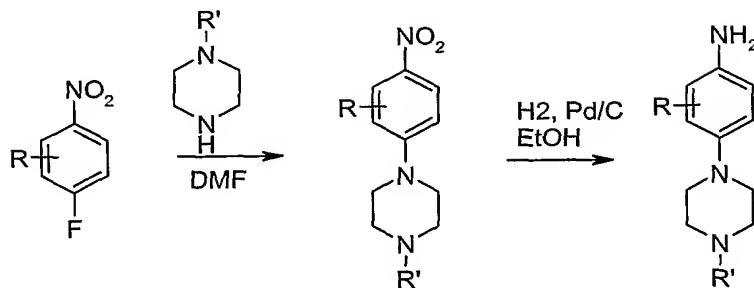
solution was then stirred at room temperature for further 20 min. The reaction was diluted with dichloromethane (100 mL), washed with water (50 mL) and then extracted twice with 3M HCl (100 mL). The combined acidic extracts were washed once with dichloromethane (50 mL). Ethyl acetate (125 mL) was then added and the mixture was cooled to 6-8 °C before the aqueous layer was adjusted to pH 11 by gradual addition of 5M aq. NaOH (ca. 150 mL), with vigorous stirring. The organic layer was separated and washed twice with water (50 mL) dried over magnesium sulfate, and concentrated in vacuo at 35 °C to afford the title compound as a yellow oil. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 1.10 (6H, d, J 6.25), 2.88 (1H, m, J 6.25), 3.04 (2H, t, J 5.2), 4.16 (2H, t, J 5.2), 6.96 (2H, d, J 9.3), 8.18 (2H, d, J 9.3); MS: 225

**Isopropyl-[2-(4-nitrophenoxy)ethyl]carbamic acid *tert*-butyl ester**

Isopropyl-[2-(4-nitrophenoxy)ethyl]amine (1.80 g, 8.05 mmol) was dissolved in 1,4-dioxane (containing 1% water, 20 mL) and cooled to 0-5 °C. Di-*tert*-butyldicarbonate (1.76 g, 8.05 mmol) was added slowly with vigorous stirring. The reaction was stirred at 0 °C for 0.5 h, then at room temperature for 20 h. The solvent was removed in vacuo and the residue taken up into EtOAc. The organic layer was washed twice with water (25 mL), the aqueous washes are extracted back with EtOAc (25 mL). The combined organic extracts were washed twice with 0.3 M HCl (25 mL), then brine and are dried over sodium sulfate. The solvent was removed in vacuo to afford a yellow solid, which was recrystallised from hot *n*-hexane to give the crystalline title compound as fine, light-yellow needles. <sup>1</sup>H NMR: (400 MHz, CDCl<sub>3</sub>): 1.06 (6H, d, J 6.8), 1.37 (9H, s), 3.90 (2H, bm, 2H), 4.06 (2H, bm), 4.26 (1H, bm), 6.86 (2H, d, J 9.0), 8.09 (2H, d, J 9.2). MS: 225 [M+H<sup>+</sup>-Boc].

**Isopropyl-[2-(4-aminophenoxy)ethyl]carbamic acid *tert*-butyl ester**

A solution of isopropyl-[2-(4-aminophenoxy)ethyl]carbamic acid *tert*-butyl ester (2.09 g, 6.45 mmol) in ethanol/tetrahydrofuran (30 mL, 2:1) was reduced over palladium on carbon (10 wt%, 50% wet, 0.4 g) with hydrogen under atmospheric pressure at room temperature for 20 h. The catalyst was separated by filtration through celite. The solvent was removed *in vacuo* to afford the title compound as a red oil. <sup>1</sup>H NMR: (400 MHz, CDCl<sub>3</sub>): 1.08 (6H, d, J 6.7), 1.39 (9H, s), 3.34 (2H, bm), 3.90 (2H, bm), 4.26 (1H, bm), 6.56 (2H, d, J 8.9), 6.67 (2H, d, J 8.9); MS: 195 [M+H<sup>+</sup>-Boc], 295 [M+H<sup>+</sup>]

**General Scheme C****General Method C****1-(2-Fluoro-4-nitrophenyl)-4-methylpiperazine**

*N*-Methylpiperazine (30 mL, 27.1 g, 0.268 mol) was cooled in ice/water while adding 3,4-difluoronitrobenzene (2.0 g, 0.0126 mol) with stirring. The mixture was then heated at 100 °C overnight, evaporated to remove all excess *N*-methylpiperazine and the residue dissolved in 1M hydrochloric acid (30 mL). After washing twice with 20 mL portions of dichloromethane the solution was basified with 5M sodium hydroxide (10 mL). The product was extracted into dichloromethane (twice with 20 mL), dried over sodium sulphate and evaporated giving a yellow oil which solidified on standing. <sup>1</sup>H NMR (CDCl<sub>3</sub>) 8.00 (m, 1H) 7.91 (m, 1H) 6.92 (m, 1H) 3.33 (m, 4H) 2.63 (m, 4H) 2.39 (s, 3H).

**1-(2-Fluoro-4-aminophenyl)-4-methylpiperazine**

Obtained by hydrogenation over Pd-10%C of the corresponding nitro compound in ethanol. <sup>1</sup>H NMR (CDCl<sub>3</sub>) 6.75 (m, 1H) 6.33 (m, 2H) 3.48 (m, 2H) 2.94 (m, 4H) 2.53 (m, 4H) 2.29 (s, 3H).

**Specific syntheses:*****tert*-Butyl 4-(2-difluoromethoxy-4-nitrophenyl)piperazine-1-carboxylate****1-(2-Difluoromethoxy-4-nitrophenyl)piperazine**

A stirred mixture of 1-bromo-2-difluoromethoxy-4-nitrobenzene (prepared from the corresponding phenol following the procedure outlined in WO9749710A1; 2.68 g, 10 mmol), piperazine (1.12 g, 13 mmol), potassium carbonate (2.07 g, 15 mmol), tetrabutylammonium bromide (0.03 g, 0.1 mmol) and dry dimethyl sulphoxide (20 mL) was heated under nitrogen at 120 °C for 3 h. The product was added to water (100 mL) and 6M hydrochloric acid (10 mL, 60 mmol), washed with ethyl acetate until washings colourless and the aqueous layer basified with 5M sodium

- 54 -

hydroxide solution (20 mL, 100 mmol). Extraction with ethyl acetate (3x with 50 mL), drying (sodium sulphate) and evaporating gave product as viscous orange oil.  $^1\text{H}$  NMR ( $\text{CDCl}_3$ ) 8.00 (m, 1H) 7.92 (m, 1H) 6.93 (m, 1H) 6.47 (t,  $J = 73.6$ , 1H) 3.18 (m, 2H) 2.98 (m, 2H) 2.54 (s, 1H)

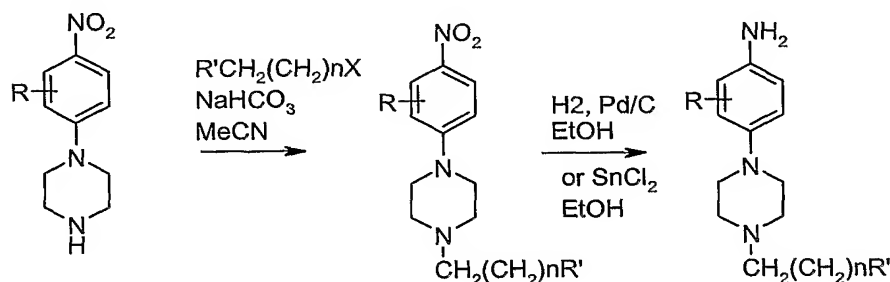
***tert*-Butyl 4-(2-difluoromethoxy-4-nitrophenyl)piperazine-1-carboxylate**

The above product (1.64 g, 6 mmol) was dissolved in dry tetrahydrofuran (25 mL) and di-*tert*-butyl dicarbonate (1.26 g, 6 mmol) added. After stirring overnight the mixture was evaporated and the resulting orange solid recrystallised from ethyl acetate giving the final product.  $^1\text{H}$  NMR ( $\text{CDCl}_3$ ) 8.03 (m, 1H) 7.93 (m, 1H) 6.48 (t, 1H) 3.53 (m, 2H) 3.15 (m, 2H) 1.42 (s, 9H).

***tert*-Butyl 4-(2-difluoromethoxy-4-aminophenyl)piperazine-1-carboxylate**

Obtained by hydrogenation over Pd-10%C of the corresponding nitro compound in ethanol.  $^1\text{H}$  NMR ( $\text{CDCl}_3$ ) 7.73 (m, 1H) 6.56 (t, 1H) 6.42 (m, 2H) 3.46 (m, 2H) 2.80 (m, 2H) 1.40 (s, 9H).

**General Scheme D**



**General Method D**

**4-(4-(3-dimethylaminopropyl)piperazino)nitrobenzene**

Prepared according to a slightly modified procedure from US Pat. No. 3,331,845. A mixture of 4-nitrophenylpiperazine (2.1 g, 10 mmol), sodium hydrogen carbonate (2.5 g, 30 mmol), *N,N*-dimethyl-*N*-(3-chloropropyl)amine hydrochloride (1.9 g, 12 mmol) in isopropanol (80 mL) was heated at 80 °C for 18 h. The mixture was then allowed to cool, the solid filtered off and the solvent removed under reduced pressure. Ethyl acetate (ca. 200 mL) was added and the residue was washed with saturated brine twice (50 mL each time). The organic layer was dried over sodium sulphate and the solvent evaporated under reduced pressure. The crude compound was purified by column, eluting with dichloromethane/methanol 9/1 (containing 1%

- 55 -

*N,N*-dimethylethylamine) to give the title compound as a yellow solid.  $^1\text{H}$  NMR ( $\text{CDCl}_3$ , 400 MHz): 1.6 (2H, m); 2.15 (6H, s); 2.25 (2H, m); 2.35 (2H, m); 2.5-2.55 (4H, m); 3.35-3.4 (4H, m); 6.75 (2H, d,  $J$  8 Hz); 8.05 (2H, d,  $J$  8 Hz)

MS: 293, 248

#### 4-(4-(3-Dimethylaminopropyl)piperazino)aniline

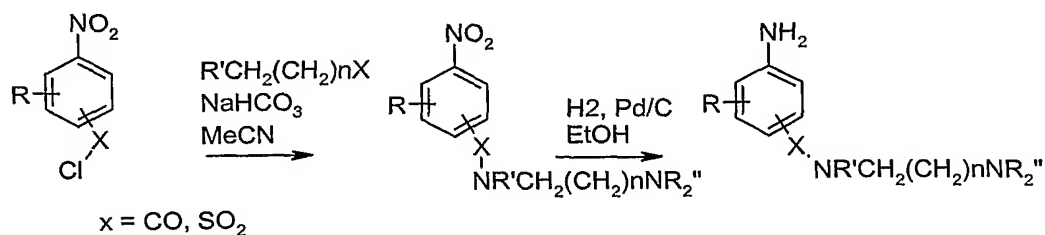
A solution of 4-(4-(3-dimethylaminopropyl)piperazino)nitrobenzene (1.5 g) in methanol (50 mL) was hydrogenated at atmospheric pressure over Pd (5% on carbon) (0.3 g; 50% water content) for 4 h. The catalyst was filtered off and the solvent removed under reduced pressure to give the title compound as a brown solid.  $^1\text{H}$  NMR ( $\text{CDCl}_3$ , 400 MHz): 1.65 (2H, m); 2.15 (6H, s); 2.25 (2H, m); 2.35 (2H, m); 2.5-2.55 (4H, m); 2.95-3.05 (4H, m); 6.55 (2H, d,  $J$  7 Hz); 6.75 (2H, d,  $J$  7 Hz)

MS: 263, 218

#### 4-(4-(3-chlorobenzyl)piperazino)aniline

4-(4-(3-chlorobenzyl)piperazino)nitrobenzene (3 g, 9 mmol, prepared as in the general method) was dissolved in ethanol (100 mL). Tin (II) chloride dihydrate (10.1 g, 45 mmol) was added and the reaction heated to 80 °C for 66 h. The reaction mixture was concentrated under reduced pressure. A saturated solution (200 mL) of Rochelle's salt (sodium potassium tartrate) was prepared, and solid  $\text{NaHCO}_3$  was added to this until no more would dissolve. Ethyl acetate (200 mL) was added to the vessel, followed by the reaction mixture. The solution was then stirred until clear. The phases were separated, and the aqueous layer washed with ethyl acetate (50 mL). The organic layers were combined, washed with saturated brine, dried over magnesium sulphate, and evaporated to give the title compound.  $^1\text{H}$  NMR ( $\text{CDCl}_3$ , 400 MHz): 2.5-2.55 (4H, m); 2.95-3.05 (4H, m); 3.47 (2H, s); 6.5-6.6 (2H, m); 6.7-6.8 (4H, m); 7.15-7.25 (4H, m); MS: 302, 304

#### General Scheme E



**General Method E*****N*-(2-dimethylaminoethyl)-3-nitrobenzamide**

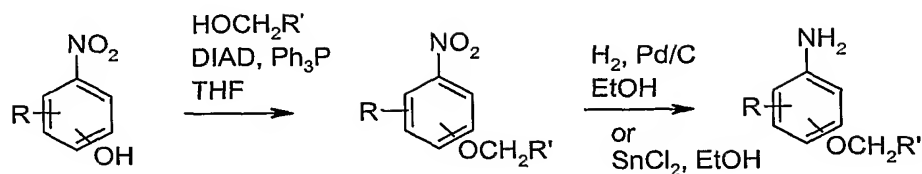
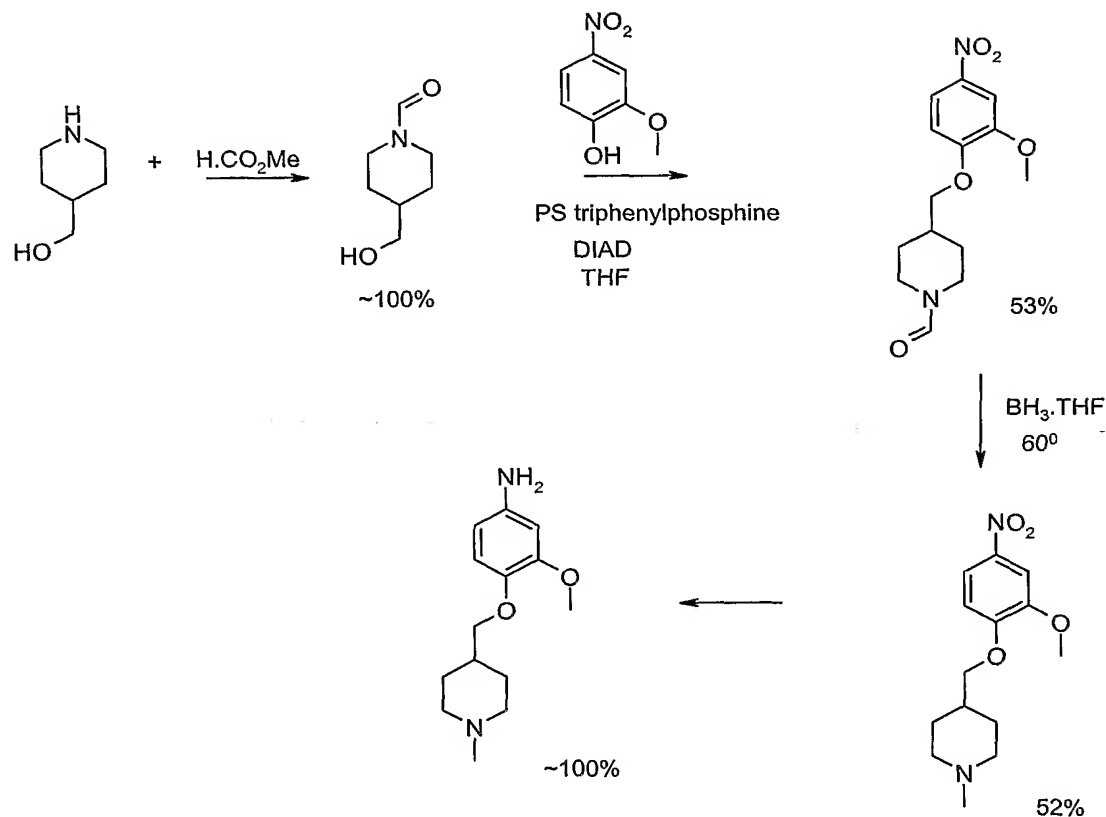
3-Nitrobenzoyl chloride (2 g, 10.77 mmol) was loaded into a round bottomed flask, placed under a N<sub>2</sub> atmosphere and dissolved in anhydrous dichloromethane (10 mL). The mixture was cooled to 0 °C and *N,N*-dimethylethylenediamine (0.98 mL, 8.98 mmol) was added to the reaction. The reaction was allowed to warm to room temperature and left to stir for 18 h. After 18 h the reaction had given a precipitate which was isolated by filtration and washed with dichloromethane to give 2.28 g of a white solid, which was partitioned between dichloromethane and a saturated aqueous NaHCO<sub>3</sub> solution. The organic layer was removed under reduced pressure and the aqueous layer was then re-extracted dichloromethane. The organic layers were combined, dried over Na<sub>2</sub>SO<sub>4</sub> and the solvent was removed under reduced pressure to afford the title compound as a yellow solid. MS: 193, 238; <sup>1</sup>H NMR (400 MHz, dmso-d<sub>6</sub>): 2.19 (6H, s), 2.42 (2H, t, *J* 6.8 Hz), 3.39 (2H, q, *J* 12.4 Hz, 6.7 Hz), 7.78 (1H, t, *J* 7.9 Hz), 8.29 (1H, ddd, *J* 7.9 1.8, 1.1 Hz), 8.38 (1H, ddd, *J* 8.1 Hz, 2.3, 1.0 Hz), 8.68 (1H, t, *J* 1.8 Hz), 8.81 (1H, t, *J* 5.7 Hz).

***3*-(*N*-(2-dimethylaminoethyl)carbamoyl)aniline**

Palladium on carbon (200 mg, 10%w/w) was loaded to a three-necked flask and ethanol (1 mL) was added. This was then fitted with a three-way tap with balloon. The flask was then placed under vacuum then purged with nitrogen, this was repeated twice more. The amide (2.0 g, 8.4 mmol) was dissolved in ethanol (20 mL), this was then added to the reaction. The reaction was then placed under vacuum and purged with nitrogen three more times. It was then placed under vacuum again then purged with hydrogen, this was repeated once more leaving the balloon filled with hydrogen. The reaction was left at room temperature overnight under a hydrogen atmosphere. The reaction solution was then filtered through a celite plug washing with ethanol. The filtrates were combined and solvent removed to give a clear colourless oil. MS: 208; <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 2.22 (6H, s), 2.27 (2H, t, *J* 5.9 Hz), 3.45 (2H, q, *J* 11.6, 5.3 Hz), 6.71 (1H, ddd, *J* 7.9, 2.4, 1.0 Hz), 6.85 (1H, bs), 7.0-7.15 (3H, m)



- 57 -

**General Scheme F****General method F****N-Formyl-4-piperidinemethanol**

4-Piperidinemethanol (10 g, 87 mmol) was dissolved in methyl formate (7 mL, 113 mmol)  $0^\circ\text{C}$ , and maintained at that temperature for 30 min, then allowed to reach  $20^\circ\text{C}$  and stirred 90 min. Solid sodium hydroxide was added (0.87 g, pellets) and the mixture was left overnight. Dichloromethane was added, the NaOH removed by filtration and the solution treated with 1M HCl in ether (10 mL). The mixture was filtered through Celite and the solvent was removed under reduced pressure to afford the crude title compound.  $^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ): 0.85-1.1 (2H, m); 1.55-1.85 (3H, m); 2.5-2.7 (1H, m); 2.95-3.1 (1H, m); 3.3 (2H, d,  $J$  7 Hz); 3.6-3.7 (1H, m); 4.1-4.3 (1H, m); 8 (1H, s)

- 58 -

***N*-Formyl-4-(2-methoxy-4-nitrophenoxyethyl)piperidine**

4-Nitroguaiacol (2 g, 11.8 mmol), *N*-formyl 4-piperidinemethanol (1.13 g, 7.89 mmol) and polymer-supported triphenylphosphine (3 mmol/g, 3.94 g, 11.8 mmol) were dissolved in tetrahydrofuran (30 mL). The mixture was cooled to 0 °C and diisopropyl azodicarboxylate (2.33 mL, 11.8 mmol) was added dropwise. The mixture was stirred at 0 °C for 30 min then at 20 °C overnight. The resin was filtered off, washed with dichloromethane then methanol and the filtrate evaporated to give a deep orange oil. The oil was taken up in dichloromethane, washed with 2M NaOH, 2M HCl then brine, dried and evaporated giving a pale brown oil. This was taken up in 50:50 ethyl acetate : hexane, filtered through celite, filtrate evaporated, taken up in ethyl acetate and washed further with 1M NaOH. The organic layer was separated, dried over Na<sub>2</sub>SO<sub>4</sub>, the solvent removed under reduced pressure and the residue columned in 50:50 ethyl acetate : hexane to remove impurities. The product was then eluted with 9:1 dichloromethane : methanol to give a yellow oil, which crystallised on cooling. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 1.15-1.3 (2H, m); 1.85-1.9 (1H, m); 2.6-2.7 (1H, m); 3-3.1 (1H, m); 3.7-3.8 (1H, m); 4.0 (2H, d, *J* 7 Hz); 4.15-4.25 (1H, m); 7.2 (1H, d, *J* 8 Hz); 7.75 (1H, d, *J* 2 Hz); 7.9 (1H, dd, *J* 2 and 8 Hz); 8 (1H, s)

***N*-Methyl-4-(2-methoxy-4-nitrophenoxyethyl)piperidine**

A suspension of *N*-formyl-4-(2-methoxy-4-nitrophenoxyethyl)piperidine (1.24 g, 4.2 mmol) in tetrahydrofuran (5 mL) under nitrogen was stirred while adding the borane solution (8.4 mL of a 1M soln in THF) then heated to 60 °C for 2 h. Further borane solution (to a total of 5 equivalents) and 20 mL tetrahydrofuran (20 mL) were added and the mixture was heated overnight. The mixture was cooled, methanol (25 mL) was added carefully followed by dichloromethane. The mixture was then washed with brine, 2M NaOH, dried over Na<sub>2</sub>SO<sub>4</sub> and solvent evaporated. The residue was dissolved in methanol, a few drops of acetic acid added and the mixture was heated under reflux for 3 days. Evaporation of the solvent and chromatography in 9:1 dichloromethane : methanol containing 1% triethylamine afforded the product as a brown solid. <sup>1</sup>H NMR (400 MHz, dmso-*d*<sub>6</sub>): 1.4-1.5 (2H, m); 1.85-2 (3H, m); 2-2.1 (2H, m); 2.8-3 (2H, m); 4.05 (3H, s); 4.15 (2H, d, *J* 7 Hz); 7.35 (1H, d, *J* 8 Hz); 7.9 (1H, d, *J* 2 Hz); 8.05 (1H, dd, *J* 2 and 8 Hz)

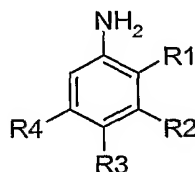
- 59 -

***N*-Methyl-4-(2-methoxy-4-nitrophenoxymethyl)piperidine**

Catalytic reduction over Pd (10%C) in EtOH gave the aniline as a red-brown solid.

<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 1.3-1.5 (2H, m); 1.7-1.9 (3H, m); 2-2.1 (2H, m); 2.9-3 (2H, m); 3.4 (2H, broad s); 3.7 (2H, d, *J* 7 Hz); 3.75 (3H, s); 6.15 (1H, dd, *J* 1 and 7 Hz); 6.25 (1H, d, *J* 1 Hz); 6.65 (1H, d, *J* 7 Hz)

Further examples of anilines include the following (NMR spectra at 400 MHz, in CDCl<sub>3</sub> unless otherwise stated):



Ex.	Method	R1	R2	R3	R4	MS	NMR
1	A (chloro-alkyl phenol displacement)	H	H	3-(di-methyl-amino)-ethoxy	H	181	2.25 (6H, s); 2.65 (2H, t, <i>J</i> 7 Hz); 3.9 (2H, t, <i>J</i> 7 Hz); 6.5-7 (2H, m); 6.65-6.75 (2H, m)
2	A (chloro-alkyl phenol displacement)	H	H	3-(di-methyl-amino)-propoxy			See specific example
3	A (chloro-alkyl phenol displacement)	H	OCH <sub>3</sub>	2-((4-CH <sub>3</sub> )piperazin-1-yl)ethoxy	OCH <sub>3</sub>	296	2.25 (3H, s); 2.4-2.7 (8H, m); 2.75 (2H, t, <i>J</i> 7 Hz); 3.7 (6H, s); 3.9 (2H, t, <i>J</i> 7 Hz); 5.9 (2H, s)

- 60 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
4	A (chloro-alkyl phenol displace ment)	H	OCH <sub>3</sub>	3-((4- CH <sub>3</sub> )pip- erazin-1- yl)prop- oxy	OCH <sub>3</sub>	310	1.8-1.9 (2H, m); 2.2 (3H, s); 2.3-2.6 (10 H, m); 3.7 (6H, s); 3.85 (2H, t, <i>J</i> 7 Hz); 5.9 (2H, s)
5	A (chloro-alkyl phenol displace ment)	H	OCH <sub>3</sub>	2-((4- CH <sub>3</sub> )pip- erazin-1- yl)ethoxy	H	266	2.35 (3H, s); 2.55-2.8 (10H, m); 3.7 (3H, s); 4 (2H, t, <i>J</i> 7Hz); 6.1 (1H, dd, <i>J</i> 2 and 8 Hz); 6.2 (1H, d, <i>J</i> 2 Hz); 7.7 (1H, d, <i>J</i> 8 Hz)
6	A (chloro-alkyl phenol displace ment)	H	OCH <sub>3</sub>	3-((4- CH <sub>3</sub> )pip- erazin-1- yl)prop- oxy	H	280	1.9-2.1 (2H, m); 2.35 (3H, s); 2.4-2.6 (10H, m); 3.8 (3H, s); 4 (2H, t, <i>J</i> 7 Hz); 6.2 (1H, dd, <i>J</i> 2 and 8 Hz); 6.3 (1H, d, <i>J</i> 2 Hz); 6.8 (1H, d, <i>J</i> 8 Hz)
7	A (chloroal kyl phenol displace- ment)	H	OCH <sub>3</sub>	OCH <sub>3</sub>	2-((4- CH <sub>3</sub> )pip- erazin-1- yl)eth- oxy	296	2.2 (3H, s); 2.3-2.5 (4H, m); 2.5-2.7 (4H, m); 2.8 (2H, t, <i>J</i> 7 Hz); 3.65 (3H, s); 3.75 (3H, s); 4 (2H, t, <i>J</i> 7 Hz); 5.8-5.85 (2H, m)

- 61 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
8	A (chloro-alkyl phenol displacement)	H	OCH <sub>3</sub>	OCH <sub>3</sub>	3-((4-CH <sub>3</sub> )piperazin-1-yl)propoxy	310	1.85-1.95 (2H, m); 2.2 (3H, s); 2.3-2.5 (10H, m); 3.65 (3H, s); 3.75 (3H, s); 3.95 (2H, t, <i>J</i> 7 Hz); 6.85-6.9 (2H, m)
9	A (chloro-alkyl phenol displacement)	H	OCH <sub>3</sub>	2-(piperidino)-ethoxy	OCH <sub>3</sub>	281	1.3-1.4 (2H, m); 1.5-1.6 (4H, m); 2.45-2.6 (4H, m); 2.75 (2H, t, <i>J</i> 7 Hz); 3.65 (6H, s); 3.95 (2H, t, <i>J</i> 7 Hz); 5.85 (2H, s)
10	A (phenol alkylation)	H	H	2-(morpholino)ethoxy	H	223	2.45-2.55 (4H, m); 2.7 (2H, t, <i>J</i> 7 Hz); 3.65-3.7 (4H, m); 3.95 (2H, t, <i>J</i> 7 Hz); 6.5-6.6 (2H, m); 6.65-6.7 (2H, m)
11	A (chloro-alkyl phenol displacement)	H	OCH <sub>3</sub>	2-(morpholino)ethoxy	OCH <sub>3</sub>	283	2.5-2.55 (4H, m); 2.7 (2H, t, <i>J</i> 7 Hz); 3.6-3.7 (4H, m); 3.7 (6H, s); 4.95 (2H, t, <i>J</i> 7 Hz); 5.8 (2H, s)

- 62 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
12	A (chloro-alkyl phenol displacement)	H	H	(S)-((1-CH <sub>3</sub> )pyrrolidin-2-yl)methoxy	H	207	(dms <sub>o</sub> -d <sub>6</sub> ) 1.5-1.6 (1H, m); 1.6-1.65 (2H, m); 1.9-2 (1H, m); 2.15-2.25 (1H, m); 2.35 (3H, s); 2.5-2.6 (1H, m); 2.9-3 (1H, m); 4.65-4.7 (1H, m); 4.7-4.75 (1H, m); 6.45-6.5 (2H, m); 6.6-6.65 (2H, m)
13	A (chloro-alkyl phenol displacement)	H	F	3-((4-CH <sub>3</sub> )piperazin-1-yl)propoxy	H	268	1.8-1.9 (2H, m); 2.2 (3H, s); 2.3-2.55 (10H, m); 3.9 (2H, t, <i>J</i> 7 Hz); 6.3 (1H, m); 6.4 (1H, m); 6.7 (1H, m)
14	A (chloro-alkyl phenol displacement)	H	F	3-(piperidino)propoxy	H	253	1.3-1.4 (2H, m); 1.4-1.5 (4H, m); 1.7-1.8 (2H, m); 2.25-2.4 (6H, m); 3.9 (2H, t, <i>J</i> 7 Hz); 6.25-6.3 (1H, m); 6.35-6.4 (1H, m); 6.75-6.85 (1H, m)

- 63 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
15	A (chloro-alkyl phenol displacement)	H	F	3-(diethyl-amino)-propoxy	H	241	1.05 (6H, t, <i>J</i> 7 Hz); 1.9-2 (2H, m); 2.5-2.7 (6H, m); 4 (2H, t, <i>J</i> 7 Hz); 6.35-6.4 (1H, m); 6.4-6.45 (1H, m); 6.8-6.9 (1H, m)
16	A (chloro-alkyl phenol displacement)	H	F	2-((4-CH <sub>3</sub> )-piperazin-1-yl)ethoxy	H	254	2.2 (3H, s); 2.3-2.4 (4H, m); 2.4-2.65 (4H, m); 2.75 (2H, t, <i>J</i> 7 Hz); 4 (2H, t, <i>J</i> 7 Hz); 6.25-6.3 (1H, m); 6.3-6.35 (1H, m); 6.75-6.85 (1H, m)
17	A (chloroalkyl phenol displacement)	H	3-(piperidino)propoxy	H	H	235	1.3-1.4 (2H, m); 1.45-1.55 (4H, m); 2.3-2.5 (6H, m); 3.9 (2H, t, <i>J</i> 7 Hz); 6.1-6.3 (3H, m); 6.9-7 (1H, m)
18	A (chloroalkyl phenol displacement)	H	3-((4-CH <sub>3</sub> )-piperazin-1-yl)propoxy	H	H	250	1.9-2 (2H, m); 2.3 (3H, s); 2.4-2.7 (10H, m); 4 (2H, m); 6.2-6.4 (3H, m); 7-7.1 (1H, m)

- 64 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
19	F (Mitsunobu)	H	OCH <sub>3</sub>	(R)- (pyrrolidin-2-yl)- methoxy	323, 223 (as N-Boc protected)		(as N-Boc protected); (dms- <i>d</i> <sub>6</sub> ): 1.4 (9H, broad s); 1.7-1.8 (2H, m); 1.8-2 (3H, m); 3.2-3.25 (2H, m); 3.65 (3H, s); 3.75-3.85 (2H, m); 4.7-4.8 (2H, broad s); 6 (1H, dd, <i>J</i> 2 and 8 Hz); 6.25 (1H, d, <i>J</i> 2 Hz); 6.65 (1H, d, <i>J</i> 8 Hz)
20	A (chloroalkyl phenol displacement)	H	Cl	2-(piperidino)ethoxy	H	255 257	1.3-1.4 (2H, m); 1.5-1.6 (4H, m); 2.4-2.6 (4H, m); 2.8 (2H, t, <i>J</i> 7 Hz); 4.1 (2H, t, <i>J</i> 7 Hz); 6.55 (1H, dd, <i>J</i> 2 and 8 Hz); 7.7 (1H, d, <i>J</i> 2 Hz); 7.8 (1H, d, <i>J</i> 8 Hz)



- 65 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
21	A (chloro-alkyl phenol displacement)	H	F	2-((4- <i>iso</i> -propyl)pi perazin-1-yl)-ethoxy	H	282	1.05 (6H, d, <i>J</i> 7 Hz); 2.5-2.7 (9H, m); 2.8 (2H, t, <i>J</i> 7 Hz); 4.1 (2H, t, <i>J</i> 7 Hz); 6.35-6.4 (1H, m); 6.45 (1H, m); 6.8-6.9 (1H, m)
22	A (chloro-alkyl phenol displacement)	H	OCH <sub>3</sub>	2-((4- <i>iso</i> -propyl)pi perazin-1-yl)-ethoxy	H	294	1.05 (6H, d, <i>J</i> 7 Hz); 2.5-2.7 (9H, m); 2.8 (2H, t, <i>J</i> 7 Hz); 3.8 (3H, s); 4.1 (2H, t, <i>J</i> 7 Hz); 6.2 (1H, d, <i>J</i> 2 and 8 Hz); 6.3 (1H, d, <i>J</i> 2 Hz); 6.75 (1H, d, <i>J</i> 8 Hz)
23	A (chloro-alkyl phenol displacement)	H	OCH <sub>3</sub>	3-((4- <i>iso</i> -propyl)-piperazin-1-yl)propoxy	H	308	1.05 (6H, d, <i>J</i> 7 Hz); 1.9-2 (2H, m); 2.5-2.7 (11H, m); 3.4 (2H, broad s); 3.8 (3H, s); 4 (2H, t, <i>J</i> 7 Hz); 6.2 (1H, d, <i>J</i> 2 and 8 Hz); 6.3 (1H, d, <i>J</i> 2 Hz); 6.75 (1H, d, <i>J</i> 8 Hz)

- 66 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
24	A (chloro-alkyl phenol displacement)	CH <sub>3</sub>	H	3-((4-CH <sub>3</sub> )piperazin-1-yl)propoxy	H	264	1.9-2 (2H, m); 2.1 (3H, s); 2.35 (3H, s); 2.4-2.7 (10H, m); 4 (2H, t, <i>J</i> 7 Hz); 6.25-6.4 (2H, m); 6.9-7 (1H, m)
25	A (chloro-alkyl phenol displacement)	CH <sub>3</sub>	H	3-(piperidino)propoxy	H	249	1.4-1.55 (2H, m); 1.6-1.7 (4H, m); 1.95-2.05 (2H, m); 2.1 (3H, s); 2.4-2.6 (6H, m); 4 (2H, t, <i>J</i> 7 Hz); 6.3-6.4 (2H, m); 6.9-7 (1H, m)
26	F (Mitsunobu)	H	OCH <sub>3</sub>	((1-CH <sub>3</sub> )-piperidin-4-yl)-methoxy	H	251	See specific example

- 67 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
27	F (Mitsunobu)	H	OCH <sub>3</sub>	2-((1-CH <sub>3</sub> )piperidin-4-yl)ethoxy	H	265	1.2-1.35 (2H, m); 1.4-1.55 (1H, m); 1.65-1.75 (4H, m); 1.85-1.95 (2H, m); 2.2 (3H, s); 2.8-2.9 (2H, m); 3.7 (3H, s); 3.9 (2H, t, <i>J</i> 7 Hz); 6.15 (1H, dd, <i>J</i> 2 and 8 Hz); 6.2 (1H, d, <i>J</i> 2 Hz); 6.65 (1H, d, <i>J</i> 8 Hz)
28	F (Mitsunobu)	H	H	2-((1-CH <sub>3</sub> )piperidin-4-yl)ethoxy	H	235	1.2-1.35 (2H, m); 1.4-1.55 (1H, m); 1.6-1.7 (4H, m); 1.85-1.95 (2H, m); 2.2 (3H, s); 2.8-2.9 (2H, m); 3.8-3.9 (2H, m); 6.5-6.6 (2H, m); 6.7-6.8 (2H, m)

- 68 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
29	F (Mitsunobu)	H	H	(S)-(pyrrolidin-2-yl)methoxy	H	293 193	(as <i>N</i> -Boc protected); (dms- <i>d</i> <sub>6</sub> ): 1.15 (9H, s); 1.4-1.7 (4H, m); 3-3.05 (2H, m); 3.4-3.45 (1H, m); 3.5-3.55 (2H, m); 4.4 (2H, broad s); 6.2-6.3 (2H, m); 6.4-6.5 (2H, m)
30	B (Halide displacement via alkoxy anion)	H	OCH <sub>3</sub>	2-( <i>iso</i> -propylamino)ethoxy	H		(as <i>N</i> -Boc protected) 1.15 (6H, d, <i>J</i> 7 Hz); 1.45 (9H, s); 3.35-3.5 (2H, m); 3.8 (3H, s); 3.9-4.1 (2H, m); 4.3-4.45 (1H, m); 6.2 (1H, dd, <i>J</i> 2 and 8 Hz); 6.3 (1H, d, <i>J</i> 2 Hz); 6.8 (1H, m)

- 69 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
31	B (Halide displacement via alkoxy anion)	H	Cl	2-( <i>iso</i> -propyl-amino)-ethoxy	H		(as <i>N</i> -Boc protected) 1.15 (6H, broad d, <i>J</i> 7 Hz); 1.45 (9H, s); 3.35-3.5 (2H, m); 3.9-4.1 (2H, m); 4.3-4.45 (1H, m); 6.5 (1H, dd, <i>J</i> 2 and 8 Hz); 6.7 (1H, d, <i>J</i> 2 Hz); 6.8 (1H, d, <i>J</i> 8 Hz)
32	C (Halide displacement)	—(H?)	OCH <sub>3</sub>	(4-CH <sub>3</sub> )-piperazin-1-yl	H	222	2.4 (3H, s); 2.5-2.7 (4H, m); 2.9-3.1 (4H, m); 3.8 (3H, s); 6.2-6.4 (2H, m); 6.8-6.9 (1H, m)
33	C (Halide displacement)	H	OCH <sub>3</sub>	4-( <i>tert</i> -butoxy carbonyl)piperazin-1-yl	H		(as <i>N</i> -Boc protected) 1.4 (9H, s); 2.8-2.9 (4H, m); 3.5-3.6 (4H, m); 3.75 (3H, s); 6.1-6.25 (2H, m); 6.65-6.8 (1H, m)

- 70 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
34	C (Halide displacement)	H	H	4-( <i>tert</i> -butoxy-carbonyl) piperazin-1-yl	H	278	(as <i>N</i> -Boc protected) 1.4 (9H, s); 2.85-2.95 (4H, m); 3.4 (2H, broad s); 3.45-3.55 (4H, m); 6.6 (2H, d, <i>J</i> 8 Hz); 6.75 (2H, d, <i>J</i> 8Hz)
35	C (Halide displacement)	H	H	4-( <i>iso</i> -propyl)-piperazin-1-yl	H	220	1.0 (6H, d, <i>J</i> 7 Hz); 2.55-2.7 (6H, m); 2.95-3.05 (4H, m, 3.35 (2H, broad s); 6.5-6.65 (2H, m); 6.7-6.8 (2H, m)
36	D (piperazine alkylation)	H	H	4-(carb-amoyl-methyl) piperazin-1-yl	H	235	2.6-2.7 (4H, m); 2.9-3.1 (4H, m); 3.4 (2H, broad s); 5.4 (1H, broad s); 6.55 (2H, d, <i>J</i> 8Hz); 6.7 (2H, d, <i>J</i> 8Hz); 7 (1H, broad s)

- 71 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
37	D (piperazine alkylation)	H	H	4-(cyclohexyl-methyl)-piperazin-1-yl	H	274	0.7-0.9 (2H, m); 1.1-1.3 (3H, m); 1.4-1.5 (1H, m); 1.6-1.8 (5H, m); 2.1 (2H, d, <i>J</i> 7 Hz); 2.4-2.55 (4H, m); 2.9-3 (4H, m); 3.35 (2H, broad s); 6.5-6.65 (2H, m); 7.8-7.9 (2H, m)
38	D (piperazine alkylation)	H	H	4-(((3-Cl)phenyl)methyl)-piperazin-1-yl	H	302 /30 4	See specific example
39	D (piperazine alkylation)	H	H	4-(((3-cyano)-phenyl)-methyl)-piperazin-1-yl	H	293	2.5-2.6 (4H, m); 2.9-3.1 (4H, m); 3.5 (2H, s); 6.5-6.6 (2H, m); 6.7-6.8 (2H, m); 7.3-7.4 (1H, m); 7.5-7.6 (2H, m); 7.6 (1H, m)

- 72 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
40	D (piperazine alkylation)	H	H	4-(((3-OCH <sub>3</sub> )-phenyl)-methyl)-piperazin-1-yl	H		2.5-2.6 (4H, m); 2.9-3.1 (4H, m); 3.45 (2H, s); 3.75 (3H, s); 6.5-6.6 (2H, m); 6.7-6.8 (3H, m); 6.8-6.9 (2H, m); 7.2-7.3 (1H, m)
41	C (Halide displacement)	H	Cl	(4-CH <sub>3</sub> )-piperazin-1-yl	H		2.35 (3H, s); 2.5-2.7 (4H, m); 2.9-3 (4H, m); 3.5 (2H, broad s); 6.5 (1H, dd, <i>J</i> 2 and 8 Hz); 6.7 (1H, d, <i>J</i> 2 Hz); 6.9 (1H, d, <i>J</i> 8 Hz)
42	C (Halide displacement)	H	OCH <sub>3</sub>	4-( <i>iso</i> -propyl)-piperazin-1-yl	H		1.1 (6H, d, <i>J</i> 7 Hz); 2.6-2.7 (6H, m); 2.9-3.1 (4H, m); 3.75 (3H, s); 6.15-6.3 (2H, m); 6.7 (1H, d, <i>J</i> 8 Hz)
43	C (Halide displacement)	H	F	4-( <i>iso</i> -propyl)-piperazin-1-yl	H		1.1 (6H, d, <i>J</i> 7 Hz); 2.6-2.7 (6H, m); 2.9-3 (4H, m); 3.5 (H, broad s); 6.3-6.4 (2H, m); 6.7-6.8 (1H, m)



- 73 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
44	C (Halide displacement)	H	(4-CH <sub>3</sub> )-piperazin-1-yl	H	H	192	2.25 (3H, s); 2.45-2.5 (4H, m); 3.1-3.2 (4H, m); 3.6 (2H, broad s); 6.1 (1H, dd, <i>J</i> 2 and 8 Hz); 6.2 (1H, m; 6.3 (1H, d, <i>J</i> 2 and 8 Hz); 6.95 (1H, t, <i>J</i> 8 Hz)
45	C (Halide displacement)	CH <sub>3</sub>	H	(4-CH <sub>3</sub> )-piperazin-1-yl	H	206	2.1 (3H, s); 2.3 (3H, s); 2.5-2.6 (4H, m); 2.9-3.1 (4H, m); 6.5-6.6 (1H, m); 6.6-6.7 (2H, m)
46	D (piperazine alkylation)	H	H	(4-(2-dimethylaminoethyl))-piperazin-1-yl	H	249	2.2 (6H, s); 2.3-2.4 (2H, m); 2.4-2.5 (2H, m); 2.5-2.6 (4H, m); 2.95-3.05 (4H, m); 6.55 (2H, d, <i>J</i> 8 Hz); 6.75 (2H, d, <i>J</i> 8 Hz)
47	D (piperazine alkylation)	H	H	(4-((2-methoxyethyl))-piperazin-1-yl	H		2.5-2.6 (6H, m); 2.95-3.05 (4H, m); 3.3 (3H, s); 3.5 (2H, t, <i>J</i> 7 Hz); 6.55 (2H, d, <i>J</i> 8 Hz); 6.75 (2H, d, <i>J</i> 8 Hz)

- 74 -

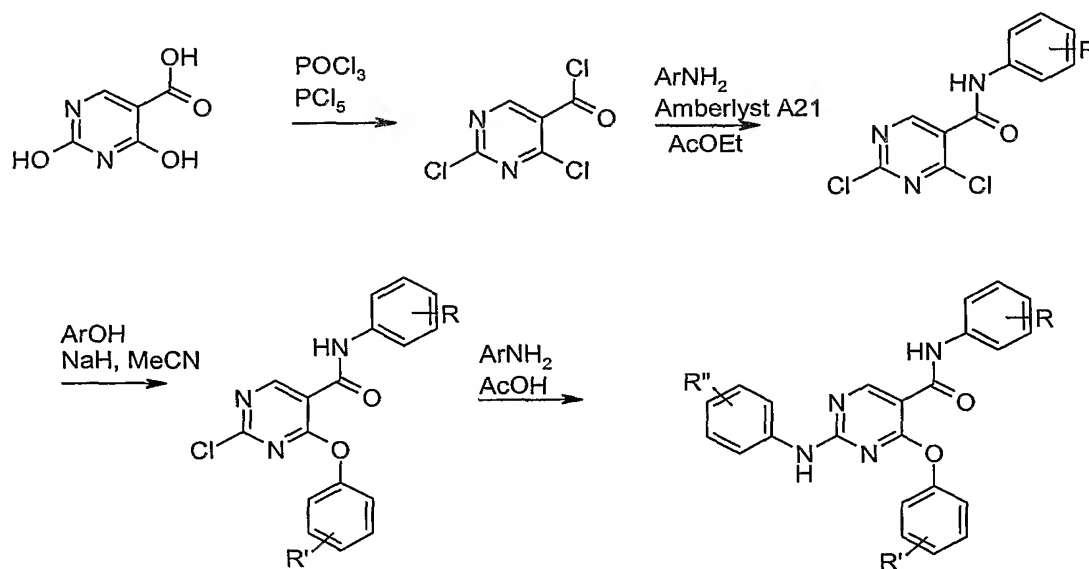
Ex.	Method	R1	R2	R3	R4	MS	NMR
48	D (piperazine alkylation)	H	H	(4-(3-dimethylaminopropyl))piperazin-1-yl	H		See specific example
49	E (amide formation)	H	H	(N-(2-diethylamino)-ethyl)-(N-methyl)carbamoyl	H	250	dmsd <sub>6</sub> : 0.8-1.0 (6H, m); 2.3-2.6 (6H, m); 3.0 (3H, m); 3.35-3.5 (2H, m); 5.45 (2H, broad s); 6.5 (2H, d, <i>J</i> 8 Hz); 7.1 (2H, d, <i>J</i> 8 Hz)
50	E (amide formation)	H	(N-(2-dimethylamino)-ethyl)carbamoyl	H	H	208	See specific example

- 75 -

Ex.	Method	R1	R2	R3	R4	MS	NMR
51	E (amide formation)	H	( <i>N</i> -(2-diethylamino)-ethyl)-( <i>N</i> -methyl)carbamoyl	H	H	250	dmso- <i>d</i> <sub>6</sub> : 0.8-1.0 (6H, 2 broad m); 2.2-2.8 (4H, 2 broad m); 2.9-3.0 (3H, 2 broad s); 3.2-3.5 (2H, 2 broad m); 5.2 (2H, broad s); 6.4 (1H, d, <i>J</i> 8 Hz); 6.5 (1H, d, <i>J</i> 2 Hz); 6.6 (1H, dd, <i>J</i> 2 and 8 Hz); 7.05 (1H, m)

## Carboxamide Synthesis

### General Scheme



### 2,4-Dichloropyrimidine-5-carbonyl chloride

Prepared according to GB 1,182,086: uracil-5-carboxylic acid monohydrate (15.1 g, 86.7 mmol) was added in one portion to a suspension of phosphorus pentachloride

- 76 -

(72.2 g, 346.7 mmol) in phosphorus oxychloride (50 mL). More phosphorus oxychloride (20 mL) was added. The reaction mixture was then heated up to 75 °C and gradually to reflux overnight. The phosphorus oxychloride was then distilled off. The mixture was filtered, the precipitate washed with ethyl acetate and the filtrate was concentrated in vacuo to give the title compound (18.3 g) as a yellow oil. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 9.26 (1H); <sup>13</sup>C NMR (400 MHz, CDCl<sub>3</sub>): 126.44, 161.34, 162.19, 163.94, 164.43

**2,4-Dichloropyrimidine-5-N-(2',6'-dimethylphenyl)carboxamide**

Amberlyst A-21 ion exchange resin (1.8 g) was added to a solution of 2,4-dichloropyrimidine-5-carbonyl chloride (18.3 g, 86.6 mmol) in ethyl acetate (400 mL). More ethyl acetate (50 mL) was added and 2,6-dimethylaniline (10.5 g, 10.7 mL, 86.6 mmol) was added dropwise at room temperature. The reaction mixture was heated at 50 °C overnight then cooled and quenched with water and extracted with ethyl acetate (3 x 100 mL). The organic layer was washed with 1 N HCl (30 mL), 1 M NaOH (30 mL) and brine (30 mL). The organic layer was then dried on sodium sulfate, filtered and concentrated in vacuo. The crude product was washed with dichloromethane (2 x 30 mL) to afford the title compound as a pale yellow solid. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 9.08 (1H, s), 7.71 (1H, s), 7.15-7.23 (3H, m), 2.32 (6H, s); <sup>13</sup>C NMR (400 MHz, CDCl<sub>3</sub>): 19.12, 127.56, 128.78, 129.00, 132.75, 135.81, 158.61, 160.25, 162.23, 162.41; MS: 296 [M+H<sup>+</sup>]

**2,4-Dichloropyrimidine-5-N-(2',6'-dichlorophenyl)carboxamide**

Amberlyst A-21 ion exchange resin (2.14 g) was added to a solution of 2,4-dichloropyrimidine-5-carbonyl chloride (21.4 g, 101.2 mmol) in ethyl acetate (200 mL). The mixture was heated at 60 °C. A solution of 2,6-dichloro aniline (19.68 g, 121.5 mmol) in ethyl acetate (200 mL) was added dropwise and the reaction mixture was heated at 60 °C overnight. The mixture was quenched with water and the organic layer extracted with ethyl acetate (3 x 100 mL), washed with 1 N HCl (30 mL), 1 M NaOH (30 mL) and brine (30 mL). The organic layer was then dried on sodium sulfate, filtered and concentrated in vacuo. The crude product was washed with dichloromethane (2 x 30 mL) to afford 2,4-dichloro-5-N-[2,6-dichlorophenyl]pyrimidine as a pale yellow solid. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 10.88 (1H, s), 9.01 (1H, s), 7.63 (2H, d, J 8.1 Hz), 7.44 (1H, t, J 8.1 Hz); <sup>13</sup>C NMR

- 77 -

(400 MHz,  $\text{CDCl}_3$ ): 128.5, 128.7, 130.0, 131.32, 133.5, 158.8, 159.5, 159.9, 160.3; MS: 336  $[\text{M}+\text{H}^+]$

**2-Chloro-4-(3-chlorophenoxy)-5-*N*-(2',6'-dichlorophenyl)carboxamide**

3-Chlorophenol (0.651 g, 5.35 mL, 5.06 mmol) was added at 0 °C to a suspension of sodium hydride 60% dispersion in mineral oil (0.203 g, 5.06 mmol) in acetonitrile (10 mL). The mixture was stirred at 0 °C for 1 h. The phenoxide solution was then added dropwise at 0 °C to a solution of 2,4-dichloro-5-(2,6-dimethylphenyl)-carbamoylpyrimidine (1.50 g, 5.06 mmol) in acetonitrile (50 mL) (in other examples where poor solubility of the phenoxide is observed, *N,N*-dimethylformamide can be added to increase solubility). The reaction mixture was stirred at 0 °C for 2 h. The reaction mixture was diluted with ethyl acetate (150 mL) and washed with water (100 mL) and then brine (100 mL). The organic layer was dried on sodium sulfate, filtered and concentrated in vacuo. The crude product was washed with cyclohexane (2 x 20 mL) to the title compound as a white solid. Alternatively, the product can be purified by column chromatography eluting with ethyl acetate/cyclohexane mixtures.  $^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ): 9.33 (1H, s), 8.60 (1H, s), 7.45 (1H, dd, *J* 8.1 Hz), 7.10-7.44 (5H, m), 2.30 (6H, s);  $^{13}\text{C}$  NMR (400 MHz,  $\text{CDCl}_3$ ): 19.66, 112.94, 120.03, 122.25, 127.50, 127.87, 128.41, 130.88, 133.08, 135.10, 135.44, 151.00, 159.03, 162.24, 165.94; MS: 388  $[\text{M}+\text{H}^+]$

**2-(3-Fluoro-4-(3-(4-methylpiperazino)propoxy))phenylamino-4-(3-chlorophenoxy)-5-*N*-(2',6'-dichlorophenyl)carboxamide**

A solution of 3-fluoro-4-(3-(4-methylpiperazino)propoxy)aniline (50.4 mg) in acetic acid (2 mL) was added to a solution of 2-chloro-4-((2-methoxy)phenoxy)-5-*N*-(2',6'-dichlorophenyl)carboxamide (80.0 mg) in acetic acid (1 mL). The mixture was heated in a sealed tube at 80 °C overnight. The solvent was distilled off and the residue dissolved in DCM (2 mL) and washed with 1M NaOH (1 mL). The two layers were separated and the organic layer concentrated under vacuum. The crude mixture was purified by flash column chromatography (eluent: DCM / MeOH 95/5) to afford the title product as a pale yellow solid.  $^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ): 9.16 (1H, s), 8.12 (1H, s), 7.00-7.45 (10H, m), 4.02 (2H, dd, *J* 6.3, 6.4 Hz), 3.79 (3H, s), 2.35-2.60 (10H, m), 2.32 (3H, s), 1.90 (2H, m); MS: 655  $[\text{M}+\text{H}^+]$

- 78 -

**1-(4-Hydroxyphenyl)-4-(tertbutyloxycarbonyl)piperazine**

1-(4-Hydroxyphenyl)piperazine (5 g, 28 mmol), triethylamine (5.8 ml, 42 mmol) and di-*tert*-butyldicarbonate (6.12 g, 28 mmol) were stirred overnight at room temperature in THF (30 mL). Ethyl acetate (100 mL) was then added to the solution. The organic layer was washed with 1M NaOH (50 mL) and water (50 mL). The organic layer was then dried (MgSO<sub>4</sub>), filtered and evaporated under vacuum to give the title compound as a white solid. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 7.75 (4H, q, *J* 16Hz), 3.40 (4H, t, *J* 4Hz), 2.90 (4H, t, *J* 4Hz), 1.40 (9H, s); MS: 279 [M+H<sup>+</sup>] 10%, 223[M+H<sup>+</sup> - tBu] 100%

**2-(3-Fluoro-4-(4-methylpiperazino)phenylamino)-4-(4-(*N*-*tert*-butoxycarbonyl-piperazino)phenoxy)-5-*N*-(2',6'-dichlorophenyl)carboxamide**

2-Chloro-4-(4-(*N*-*tert*-butoxycarbonylpiperazino)phenoxy)-5-*N*-(2',6'-dichlorophenyl)carboxamide (144 mg, 0.25 mmol) and 3-fluoro-4-(4-methylpiperazino)-aniline (52.3 mg, 0.25 mmol) were placed in a pressure tube and acetic acid (5 mL) was added. The mixture was stirred at 80 °C for 4 h. It was then carefully neutralized using solid Na<sub>2</sub>CO<sub>3</sub> and further adjusted to pH 12 using 5N NaOH. This was then extracted with ethyl acetate (10 mL). The organic layer was dried over sodium sulphate, filtered and evaporated under vacuum. The crude compound was purified by flash chromatography eluting with dichloromethane/methanol (95/5) to yield the title compound. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 9.11 (1H, s), 9.01 (1H, s), 7.34 (2H, d, *J* 8 Hz), 7.15 (4H, m), 6.97 (2H, d, *J* = 12 Hz), 6.69 (2H, bs), 3.57 (4H, dd, *J* 8 Hz, 4 Hz), 3.13 (4H, dd, *J* 8 Hz, 4 Hz), 2.99 (4H, bs), 2.61 (4H, bs), 2.35 (3H, s), 1.45 (9H, s); MS: 751 [M+H<sup>+</sup>]

**2-(3-Fluoro-4-(4-methylpiperazino)phenylamino)-4-(piperazino)phenoxy)-5-*N*-(2',6'-dichlorophenyl)carboxamide**

2-(3-Fluoro-4-(4-methylpiperazino)phenylamino)-4-(4-(*N*-*tert*-butoxycarbonylpiperazino)phenoxy)-5-*N*-(2',6'-dichlorophenyl)carboxamide (1.0 g, 1.3 mmol) was placed in a solution of trifluoroacetic acid (10 mL) and dichloromethane (40 mL). The solution was stirred overnight at room temperature. It was then evaporated to dryness under reduced pressure. The crude was taken up in dichloromethane (30 mL) and extracted with water (30 mL). 1N NaOH (20 mL) was then added to the aqueous layer. This was then extracted three times with dichloromethane

- 79 -

(50 mL). The dichloromethane layer was dried (Na<sub>2</sub>SO<sub>4</sub>), filtered and evaporated to dryness under vacuum to give the title compound as a white solid. <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>): 9.18 (1H, s), 9.10 (1H, s), 7.42 (2H, d, *J* 8 Hz), 7.22 (4H, m), 7.05 (2H, d, *J* = 9 Hz), 6.85 (2H, bs), 3.20 (4H, dd, *J* 5 Hz, 3 Hz), 3.05 (8H, m), 2.60 (4H, bs), 2.35 (3H, s); MS: 651 [M+H<sup>+</sup>]

The following compounds were prepared using the above carboxamide synthesis:

No.	Name	LC purity	LC Rt	Mass found
1	1,1-dimethylethyl 2-(4-((2-((3,5-bis(methyloxy)-4-((3-(1-piperazinyl)propyl)oxy)phenyl)amino)-5-(((2,6-dimethylphenyl)amino)carbonyl)-4-pyrimidinyl)oxy)-phenyl)ethylcarbamate	92.3	1.33	756, 328
2	1,1-dimethylethyl 2-(4-((5-(((2,6-dimethylphenyl)amino)-carbonyl)-2-((3-(methyloxy)-4-(1-piperazinyl)phenyl)-amino)-4-pyrimidinyl)oxy)phenyl)ethylcarbamate	91.4	1.43	668
3	1,1-dimethylethyl 4-(4-((4-((4-chlorophenyl)oxy)-5-(((2,6-dimethylphenyl)amino)carbonyl)-2-pyrimidinyl)-amino)phenyl)-1-piperazinecarboxylate	90.5	1.63	629, 573
4	1,1-dimethylethyl 4-(4-((5-(((2,6-dimethylphenyl)amino)-carbonyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)oxy)phenyl)-1-piperazinecarboxylate	97.4	1.44	368, 693, 347
5	2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	94	1.56	320, 639
6	2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	93	1.41	611, 306
7	2-((3-(((2-(dimethylamino)ethyl)amino)sulfonyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	96	1.36	605

- 80 -

No.	Name	LC purity	LC Rt	Mass found
8	2-((3-(((2-(dimethylamino)ethyl)amino)sulfonyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	94	1.49	633, 317, 256
9	2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.47	310, 619
10	2-((3,4-bis(methyloxy)-5-((2-(4-methyl-1-piperazinyl)-ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	98	1.47	343, 685
11	2-((3,4-bis(methyloxy)-5-((2-(4-methyl-1-piperazinyl)-ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.33	329, 657
12	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	100	1.44	350, 699
13	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.31	336, 671
14	2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)-ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.27	657
15	2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)-ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	100	1.41	343, 685
16	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide	94.3	1.25	314, 627



- 81 -

No.	Name	LC purity	LC Rt	Mass found
17	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-4-((3-(2-(diethylamino)ethyl)-phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidine-carboxamide	77.6	1.04	363, 765, 840, 726
18	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide	83.4	1.21	323, 645
19	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.66	697/699
20	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide	97.2	1.69	667/669
21	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97.8	1.22	329, 657
22	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide	100	1.24	685/687, 343
23	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide	100	1.33	717/719, 380, 359
24	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide	93.8	1.02	356, 711
25	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.45	751/753
26	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	98.8	1.2	697/699

- 82 -

No.	Name	LC purity	LC Rt	Mass found
27	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-5-pyrimidinecarboxamide	100	1.23	645, 323, 344
28	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	90.3	1.24	754, 377, 317
29	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	95.5	1.36	356, 711
30	2-((3,5-bis(methyloxy)-4-(4-methyl-1-piperazinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide	100	1.29	569, 285
31	2-((3-chloro-4-((2-(4-(1-methylethyl)-1-piperazinyl)-ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	93	1.42	687, 344
32	2-((3-chloro-4-((2-(4-(1-methylethyl)-1-piperazinyl)-ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	86	1.31	659, 330
33	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	85	1.49	308, 615
34	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(phenyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.64	332, 663
35	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.57	321, 641

- 83 -

No.	Name	LC purity	LC Rt	Mass found
36	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-4-((4-((phenylmethyl)-oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.64	339, 677
37	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)-amino)-4-((2-((dimethylamino)carbonyl)-4-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidine-carboxamide	98	1.29	336, 672
38	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)-amino)-4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	92	1.51	641, 321
39	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)-amino)-4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	88	1.43	726
40	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.56	322, 643
41	2-((3-chloro-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.42	294, 587
42	2-((3-chloro-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)-oxy)-5-pyrimidinecarboxamide	98	1.55	308, 615
43	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	95	1.35	611
44	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	100	1.46	639, 284, 320

- 84 -

No.	Name	LC purity	LC Rt	Mass found
45	2-((4-((3-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)-propyl)oxy)-3-fluorophenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.25	344, 686
46	2-((4-((3-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)-propyl)oxy)-3-fluorophenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.35	358, 714
47	2-((4-((3-(diethylamino)propyl)oxy)-3-fluorophenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide	93.1	1.39	558, 279
48	2-((4-(1-(3-(dimethylamino)propyl)-4-piperidinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	95	1.26	623, 312
49	2-((4-(1-(3-(dimethylamino)propyl)-4-piperidinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	95	1.35	651, 326
50	2-((4-(2-(diethylamino)ethyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	95	1.43	277, 554
51	2-((4-(2-(diethylamino)ethyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	96	1.55	291, 582
52	2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.28	305, 610
53	2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.3	638, 297, 320

- 85 -

No.	Name	LC purity	LC Rt	Mass found
54	2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-4-((pentafluorophenyl)-oxy)-5-pyrimidinecarboxamide	93	1.3	656, 328
55	2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-4-((2-(trifluoromethyl)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.29	317, 634
56	2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide	100	1.14	637
57	2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)-amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)-oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	97	1.28	318, 636
58	2-((4-(4-(2-amino-2-oxoethyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	97	1.32	298, 596
59	2-((4-(4-(2-amino-2-oxoethyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.42	312, 624
60	2-((4-(4-(2-aminoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	84	1.22	283, 582
61	2-((4-(4-(2-aminoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)-oxy)-5-pyrimidinecarboxamide	91	1.31	297, 219, 610
62	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.28	312, 624
63	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	100	1.37	326, 652

- 86 -

No.	Name	LC purity	LC Rt	Mass found
64	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.29	324, 648
65	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.16	647, 241
66	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)-phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.28	325, 650
67	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide	100	1.13	651, 304
68	2-(1,3-benzothiazol-6-ylamino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.64	512
69	2-(1,3-benzothiazol-6-ylamino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.8	540
70	2,6-dichloro-N-(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinyl)benzamide	100	1.21	328, 655/657
71	2,6-dichloro-N-(4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinyl)-benzamide	100	1.21	290, 579/581
72	2-[3-Difluoromethoxy-4-(4-methyl-piperazin-1-yl)-phenylamino]-4-(2-methoxy-4-propyl-phenoxy)-pyrimidine-5-carboxylic acid (2,6-dimethyl-phenyl)-amide	99	1.58	324, 647
73	2-amino-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	96	1.34	379, 757, 779

- 87 -

No.	Name	LC purity	LC Rt	Mass found
74	4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.43	607, 304
75	4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.73	571
76	4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.37	579, 310, 290
77	4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.31	655, 328, 348
78	4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	87	1.51	640
79	4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.41	597, 299, 319
80	4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	89	1.21	628, 335, 314
81	4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.23	319, 638
82	4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	98	1.34	336, 671

- 88 -

No.	Name	LC purity	LC Rt	Mass found
83	4-((2-(((dimethylamino)carbonyl)-4-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.19	343, 686
84	4-((2-(((dimethylamino)carbonyl)-4-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)-phenyl)amino)-5-pyrimidinecarboxamide	84	1.41	602, 624, 481
85	4-((2-(((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.13	602, 580
86	4-((2-(((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.11	656, 678
87	4-((2-(((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.26	641, 663
88	4-((2-(((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	98	1.18	598, 620, 477, 406
89	4-((2-(((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.18	608, 630, 416, 487
90	4-((2-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	91.8	1.33	628
91	4-((2-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	97.9	1.41	552



- 89 -

No.	Name	LC purity	LC Rt	Mass found
92	4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.51	311, 277, 621
93	4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.4	693, 615
94	4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidine-carboxamide	95	1.35	669, 692, 301
95	4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.54	654, 293
96	4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	98	1.47	611, 633
97	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	90	1.39	290, 579
98	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.42	607
99	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidine-carboxamide	100	1.3	655, 328, 348
100	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98	1.42	299, 597
101	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.5	640

- 90 -

No.	Name	LC purity	LC Rt	Mass found
102	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.38	609
103	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-morpholinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.38	642, 322, 261
104	4-((2,3-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	93	1.44	303, 605/607
105	4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.38	607/609, 324, 304
106	4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96.9	1.32	653/655, 327, 347
107	4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.52	638/640, 319
108	4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.43	318, 595/597, 298
109	4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.42	303, 605/607, 323
110	4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.39	309, 289, 577/579
111	4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95	1.44	315, 630

- 91 -

No.	Name	LC purity	LC Rt	Mass found
112	4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.31	285, 569
113	4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidine-carboxamide	100	1.28	323, 645
114	4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	85	1.36	294, 587
115	4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	90	1.37	299, 597
116	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-5-pyrimidine-carboxamide	97	1.26	350, 370, 699
117	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-5-pyrimidine-carboxamide	93	1.28	357, 713
118	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidine-carboxamide	92	1.26	718, 299, 551
119	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	90	1.36	660
120	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	95	1.41	670, 335

- 92 -

No.	Name	LC purity	LC Rt	Mass found
121	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.46	703/705, 352
122	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.37	321, 642/644
123	4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	90	1.27	682, 319, 341
124	4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	86	1.43	611, 326
125	4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	86	1.36	687, 344, 364
126	4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	95	1.46	629
127	4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	97	1.43	639, 320
128	4-((2-chloro-4-fluorophenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	87	1.27	309, 618/620
129	4-((2-chloro-4-fluorophenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	97	1.28	316, 632/634
130	4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.3	319, 637/639

- 93 -

No.	Name	LC purity	LC Rt	Mass found
131	4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.49	622/624, 311
132	4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96	1.4	579/581, 290
133	4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	90	1.38	561/563, 281
134	4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	86	1.41	295, 589/591
135	4-((2-chloro-4-methylphenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.27	314, 628/630
136	4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.33	317, 633/635
137	4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.53	618/620, 309
138	4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	94	1.44	575/577, 288
139	4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.39	279, 557/559
140	4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	97	1.44	313, 585/587

- 94 -

No.	Name	LC purity	LC Rt	Mass found
141	4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.32	573/575, 287, 307
142	4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	98	1.26	310, 619/621, 330
143	4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	98.4	1.44	604/606, 302
144	4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98.7	1.33	281, 561/563, 301
145	4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	85.8	1.37	286, 571/573, 306
146	4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	97.7	1.31	292, 543/545, 272
147	4-((3-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	93.9	1.07	325, 608, 722
148	4-((3-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	82.6	1.07	319, 752, 677, 638
149	4-((3-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96.1	1.11	318, 594
150	4-((3-(2-aminoethyl)phenyl)oxy)-N-(2,6-dichlorophenyl)-2-(phenylamino)-5-pyrimidinecarboxamide	98.1	1.24	494/496
151	4-((3-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-(phenylamino)-5-pyrimidinecarboxamide	95.3	1.22	454, 248

- 95 -

No.	Name	LC purity	LC Rt	Mass found
152	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	96.7	1.29	278, 636, 318
153	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96.6	1.31	666, 333
154	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	96	1.35	654, 327
155	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidine-carboxamide	91.3	1.25	712, 356, 296
156	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95.1	1.35	654, 327, 287
157	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(((2R)-2-pyrrolidinylmethyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	86.5	1.32	637
158	4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.28	252, 642, 321
159	4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.35	572
160	4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.19	221, 580, 290
161	4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.27	641, 252, 321

- 96 -

No.	Name	LC purity	LC Rt	Mass found
162	4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	97	1.16	598, 299
163	4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.22	235, 608, 304
164	4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.17	259, 656, 328
165	4-((3,3'-bis(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	94	1.8	637
166	4-((3,4'-bis(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.4	361, 721
167	4-((3,4'-bis(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	94	1.74	637
168	4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.4	607/609, 324, 304
169	4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.52	638/640, 319
170	4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.43	318, 595/597, 339
171	4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96.6	1.32	327, 653/655, 347



- 97 -

No.	Name	LC purity	LC Rt	Mass found
172	4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98.5	1.44	605/607, 323
173	4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.39	577/579
174	4-((3'-chloro-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	84	1.47	363, 725
175	4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	97.8	1.31	573, 287, 307
176	4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98.1	1.37	561, 301, 281
177	4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97.2	1.25	310, 619
178	4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	94.1	1.45	604, 302
179	4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96.8	1.37	571, 286, 306
180	4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98	1.33	543, 292, 272
181	4-((3'-cyano-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.67	632

- 98 -

No.	Name	LC purity	LC Rt	Mass found
182	4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidine-carboxamide	97	1.39	332, 664
183	4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	96	1.33	370, 740
184	4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	94	1.49	363, 725
185	4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96	1.41	341, 682
186	4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98	1.39	692
187	4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidine-carboxamide	93	1.52	656
188	4-((4-((2-(diethylamino)ethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.09	312, 333, 624
189	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)-oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)-phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidine-carboxamide	96	1.24	355, 709

- 99 -

No.	Name	LC purity	LC Rt	Mass found
190	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96	1.32	319, 638
191	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.26	714, 357
192	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.43	699, 350
193	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.34	328, 656
194	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	90	1.39	333, 666
195	4-((4-(1,3-benzodioxol-5-yl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.75	651
196	4-((4-(1,3-benzodioxol-5-yl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	93	1.36	735, 389
197	4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	92	1.08	610
198	4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	98	1.05	582, 604

- 100 -

No.	Name	LC purity	LC Rt	Mass found
199	4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	90	1.06	612, 634
200	4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	94	1.05	658, 681
201	4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.12	643, 666
202	4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.22	287, 574
203	4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-2-(((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)-amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	84	1.07	335, 669
204	4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	96	1.1	612, 306
205	4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.05	345, 688
206	4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92	1.12	337, 673
207	4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.12	315, 630

- 101 -

No.	Name	LC purity	LC Rt	Mass found
208	4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.12	320, 640
209	4-((4-(2-aminoethyl)phenyl)oxy)-2-((3,5-bis(methyloxy)-4-((3-(1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	98.1	1.02	328, 656
210	4-((4-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	95.2	1.03	284, 305.568
211	4-((4-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	91.6	1.07	281, 538
212	4-((4-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	97.7	1.09	228, 552
213	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	93	1.36	694, 716
214	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	95	1.31	666, 688
215	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.25	742, 764
216	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	98	1.42	727, 749

- 102 -

No.	Name	LC purity	LC Rt	Mass found
217	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidine-carboxamide	98	1.33	684, 706
218	4-((4-(3-(diethylamino)propyl)-2-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	83	1.18	335, 670
219	4-((4-(3-(diethylamino)propyl)-2-(methyloxy)phenyl)-oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	91	1.19	340, 680
220	4-((4-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	95.1	1.13	596
221	4-((4-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96.9	1.12	566
222	4-((4-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidine-carboxamide	94.2	1.14	552, 297, 318
223	4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidine-carboxamide	89.7	1.1	335, 628
224	4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.14	570, 306, 285
225	4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	92.1	1.12	552, 297, 276
226	4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	92.6	1.16	580, 311, 290

- 103 -

No.	Name	LC purity	LC Rt	Mass found
227	4-((4'-(dimethylamino)-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	98	1.41	325, 650
228	4-((4-bromo-2-(methyloxy)phenyl)oxy)-2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.5	341, 678/680
229	4-((4-bromo-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.27	338, 674/676
230	4-((4-bromo-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	95	1.26	345, 688/690
231	4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	95	1.38	617/619
232	4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.71	609/611
233	4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.33	348, 693/695
234	4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.44	319, 635/637
235	4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	98	1.54	341, 678/680
236	4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.45	324, 645/647

- 104 -

No.	Name	LC purity	LC Rt	Mass found
237	4-((4-bromo-2-chlorophenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.3	340, 677/679/ 681
238	4-((4-bromo-2-chlorophenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.29	347, 691/693/ 695
239	4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.36	350, 698/670
240	4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	93	1.53	681/683/ 685, 342
241	4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	97	1.45	638/640/ 642, 321
242	4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.41	312, 621/623
243	4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96	1.46	326, 648/650/ 652
244	4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.34	573, 307, 287
245	4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	88.6	1.39	601, 301
246	4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	91.3	1.31	591, 632



- 105 -

No.	Name	LC purity	LC Rt	Mass found
247	4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	90.9	1.4	634
248	4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98.8	1.28	603
249	4-((4'-chloro-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.48	363, 725
250	4-((4'-chloro-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	85	1.85	641
251	4-((4-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	529
252	4-((4-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	95.4	1.33	571
253	4-((4-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	97.3	1.28	543
254	4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98	1.3	664
255	4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	99	1.25	740

- 106 -

No.	Name	LC purity	LC Rt	Mass found
256	4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.4	725, 747
257	4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide	90	1.33	682, 704
258	4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide	96	1.4	346, 692
259	4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)-ethyl)-1-piperaziny)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	87	1.29	721
260	4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide	100	1.33	333, 273, 666
261	4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	371, 742, 311
262	4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidine-carboxamide	100	1.36	342, 684
263	4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidine-carboxamide	92	1.42	364, 727

- 107 -

No.	Name	LC purity	LC Rt	Mass found
264	4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidine-carboxamide	89	1.37	347, 287, 694
265	4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)-phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	88	1.23	723, 745
266	4-(1,3-benzodioxol-5-yloxy)-2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.24	671, 334
267	4-(1,3-benzodioxol-5-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	99	1.32	571, 306, 286
268	4-(1,3-benzodioxol-5-yloxy)-N-(2,6-dimethylphenyl)-2-(((4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	91.4	1.32	554, 298
269	4-(1,3-benzodioxol-5-yloxy)-N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidine-carboxamide	100	1.27	297, 553
270	4-(3,4-Dichloro-phenoxy)-2-[4-(pyrrolidin-2-ylmethoxy)-phenylamino]-pyrimidine-5-carboxylic acid (2,6-dimethyl-phenyl)-amide	94.8	1.43	578/580
271	4-(3-fluoro-phenoxy)-2-[4-(pyrrolidin-2-ylmethoxy)-phenylamino]-pyrimidine-5-carboxylic acid (2,6-dimethyl-phenyl)-amide	85.3	1.32	528
272	N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	94	1.21	347, 653/655
273	N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	94.9	1.22	334, 355, 667/669

- 108 -

No.	Name	LC purity	LC Rt	Mass found
274	N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide	99.7	1.05	382, 361, 721/723
275	N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.18	667/669
276	N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.29	609/611, 325
277	N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide	100	1.32	629/631
278	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	92.9	1.41	610/612
279	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	98.2	1.37	640/642
280	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.15	347, 694/696, 368
281	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide	98	1.44	660/662
282	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	98	1.24	625/627, 333, 313
283	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.19	655/657

- 109 -

No.	Name	LC purity	LC Rt	Mass found
284	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.08	355, 375, 709/711
285	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.19	655/657
286	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide	95	1.25	675/677
287	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	89.5	1.32	567/569
288	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.27	597/599
289	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.11	346, 651/653, 326
290	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.11	346, 651/653, 326
291	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.27	597/599
292	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide	98.4	1.34	617/619
293	N-(2,6-dichlorophenyl)-2-((4-((3-(diethylamino)propyl)-oxy)-3-fluorophenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	97	1.39	598/600

- 110 -

No.	Name	LC purity	LC Rt	Mass found
294	N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.1	331, 661/663
295	N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.29	607/609
296	N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	96.3	1.27	577/579
297	N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	92.4	1.28	607/609
298	N-(2,6-dichlorophenyl)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	97.1	1.75	549/551
299	N-(2,6-dichlorophenyl)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide	98.8	1.37	599/601
300	N-(2,6-dichlorophenyl)-2,4-bis((3-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	2.06	512/514
301	N-(2,6-dichlorophenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98	1.75	579/581
302	N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98.6	1.28	597/599
303	N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.21	655/657, 328, 348
304	N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96.6	1.28	567/569

- 111 -

No.	Name	LC purity	LC Rt	Mass found
305	N-(2,6-dichlorophenyl)-4-(((4-(1-piperazinyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidine-carboxamide	100	1.19	625/627, 334, 313
306	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(((4-methyl-1-piperazinyl)acetyl)amino)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	100	1.43	668
307	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	100	1.17	583
308	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	94.5	1.19	327, 307, 613
309	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide	99.1	1	667, 334
310	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	100	1.17	597
311	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	93.2	1.2	314, 334, 627
312	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide	99.2	1	681, 341
313	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.23	627, 314, 334
314	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidine-carboxamide	100	1.31	681, 341, 361

- 112 -

No.	Name	LC purity	LC Rt	Mass found
315	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	95	1.45	299, 597
316	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	93.8	1.28	305, 569
317	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(((phenylmethyl)oxy)-phenyl)oxy)-5-pyrimidinecarboxamide	92.1	1.43	645, 344, 323
318	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	96	1.45	327, 306, 611
319	N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(((2-(methyloxy)phenyl)-methyl)oxy)-5-pyrimidinecarboxamide	83	1.38	583
320	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	87	1.57	314, 628
321	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	98	1.51	300, 600
322	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	93	1.37	315, 629
323	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(1-piperidinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.59	314, 628
324	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(1-pyrrolidinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	98	1.56	307, 614



- 113 -

No.	Name	LC purity	LC Rt	Mass found
325	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	98	1.38	336, 671
326	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.38	322, 643
327	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-morpholinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	85	1.53	315, 630
328	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	98.7	1.4	570, 285
329	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	98.9	1.36	600
330	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.44	600, 300
331	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidine-carboxamide	97.7	1.54	676, 339, 359
332	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	99	1.48	628
333	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	93.6	1.57	322, 642

- 114 -

No.	Name	LC purity	LC Rt	Mass found
334	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.56	662
335	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide	88	1.52	640, 320
336	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.6	328, 676
337	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(propyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.48	628, 651, 315
338	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide	93	1.4	319, 637, 258
339	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide	88	1.5	660
340	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.31	637, 319
341	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide	92	1.48	638
342	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide	100	1.33	321, 641

- 115 -

No.	Name	LC purity	LC Rt	Mass found
343	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-pyrrolidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	100	1.59	314, 628
344	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-(2-(methyloxy)ethyl)-1-piperazinyl)propyl)oxy)phenyl)-amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	95	1.37	351, 701
345	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide	97.1	1.24	302, 603, 322
346	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	100	1.21	293, 585, 313
347	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.18	615
348	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-fluorophenyl)oxy)-5-pyrimidinecarboxamide	89.3	1.29	603
349	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.27	615, 308, 329
350	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-fluoro-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.21	603, 302, 322
351	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.24	615, 308, 328

- 116 -

No.	Name	LC purity	LC Rt	Mass found
352	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidine-carboxamide	98.4	1.31	669, 335, 355
353	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)phenyl)oxy)-5-pyrimidinecarboxamide	82	1.19	668
354	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidine-carboxamide	98.2	1.32	691, 346, 367
355	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	97.4	1.29	643
356	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	95.5	1.37	329, 657
357	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(((2-(methyloxy)phenyl)methyl)oxy)-5-pyrimidine-carboxamide	88	1.33	629
358	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.41	339, 677
359	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidine-carboxamide	79	1.4	328, 655

- 117 -

No.	Name	LC purity	LC Rt	Mass found
360	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidine-carboxamide	100	1.41	346, 691
361	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.29	322, 643, 665
362	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)-4'-(trifluoromethyl)-1,1'-biphenyl-4-yl)oxy)-5-pyrimidinecarboxamide	86	1.46	759, 380, 401
363	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-indol-5-yl)-2-(methyloxy)phenyl)oxy)-5-pyrimidine-carboxamide	94	1.39	365, 730
364	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-thienyl)phenyl)oxy)-5-pyrimidine-carboxamide	89	1.37	349, 697
365	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-pyridinyl)phenyl)oxy)-5-pyrimidine-carboxamide	95	1.1	692, 367, 346
366	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	93	1.19	326, 652
367	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.3	653, 327
368	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide	100	1.17	329, 656

- 118 -

No.	Name	LC purity	LC Rt	Mass found
369	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.18	266, 652
370	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-morpholinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.55	322, 644, 408
371	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-piperidinylmethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	95	1.55	307, 614
372	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	97	1.5	314, 627, 253
373	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((4-(1H-imidazol-1-yl)butyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.58	320, 639
374	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((octahydro-2H-quinolizin-1-ylmethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	66	6.36	334, 668
375	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide	94.8	1.32	545, 293, 273
376	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	99.6	1.27	557
377	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	100	1.28	527, 568

- 119 -

No.	Name	LC purity	LC Rt	Mass found
378	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-fluorophenyl)oxy)-5-pyrimidinecarboxamide	94.5	1.36	545, 293, 273
379	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-fluorophenyl)oxy)-5-pyrimidinecarboxamide	100	1.32	545
380	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.36	557, 299, 279
381	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((trifluoromethyl)oxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.42	611, 326, 306
382	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.35	557, 299, 279
383	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)-phenyl)oxy)-5-pyrimidinecarboxamide	95.7	1.25	610
384	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((phenylmethyl)oxy)-phenyl)oxy)-5-pyrimidinecarboxamide	98.8	1.46	633, 442, 338
385	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((1-methylethyl)oxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.41	585
386	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	94.3	1.47	599, 408, 320, 300
387	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.45	597, 319, 299

- 120 -

No.	Name	LC purity	LC Rt	Mass found
388	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-((phenylmethyl)oxy)-phenyl)oxy)-5-pyrimidinecarboxamide	90	1.54	317, 633
389	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(phenyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	98	1.51	310, 619
390	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(propyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.4	585, 607
391	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.25	594, 297
392	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(trifluoromethyl)-phenyl)oxy)-5-pyrimidinecarboxamide	98	1.41	298, 595
393	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide	100	1.24	300, 598, 239
394	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(5-isoxazolyl)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.26	594, 237, 473
395	N-(2,6-dimethylphenyl)-2-((4-((2-((1-methylethyl)-amino)ethyl)oxy)-3-(methyloxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	100	1.53	307, 614
396	N-(2,6-dimethylphenyl)-2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	96	1.39	349, 697
397	N-(2,6-dimethylphenyl)-2-((4-(1-(1-methylethyl)-4-piperidinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.54	608



- 121 -

No.	Name	LC purity	LC Rt	Mass found
398	N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine-carboxamide	93	1.45	319, 637
399	N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-4-((2-(ethyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	90	1.34	305, 609
400	N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-((2-(ethyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.23	298, 595
401	N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	97	1.32	312, 623, 251
402	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	97	1.49	613, 307, 246
403	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(ethyloxy)-phenyl)oxy)-5-pyrimidinecarboxamide	93	1.38	585, 232, 293
404	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.49	298, 595
405	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.38	284, 567
406	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.31	567, 304, 384
407	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidine-carboxamide	98.5	1.19	615

- 122 -

No.	Name	LC purity	LC Rt	Mass found
408	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	95.2	1.37	567, 304, 284
409	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.35	284, 305, 567
410	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-(((trifluoromethyl)oxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.46	621, 311, 321
411	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)-phenyl)oxy)-5-pyrimidinecarboxamide	91.4	1.27	620
412	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-(((phenylmethyl)oxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.47	322, 643, 343
413	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide	99	1.49	305, 609, 326
414	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(phenyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.5	629, 315, 335
415	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide	87	1.51	304, 607
416	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-(((phenylmethyl)oxy)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.57	322, 643
417	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(propyloxy)phenyl)-oxy)-5-pyrimidinecarboxamide	100	1.47	298, 595

- 123 -

No.	Name	LC purity	LC Rt	Mass found
418	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide	88	1.45	627
419	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)-phenyl)oxy)-5-pyrimidinecarboxamide	100	1.24	302, 604
420	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(trifluoromethyl)-phenyl)oxy)-5-pyrimidinecarboxamide	91	1.41	303, 605
421	N-(2,6-dimethylphenyl)-2-((4-(4-(2-(ethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	94	1.34	638, 297, 320
422	N-(2,6-dimethylphenyl)-2-((4-(4-(2-(ethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	90	1.26	326, 305, 610
423	N-(2,6-dimethylphenyl)-2-((4-(4-(2-(methyloxy)ethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.52	313, 625
424	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide	100	1.29	275, 509, 255
425	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide	94.1	1.06	318, 297, 707, 593
426	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide	96.5	1.35	300, 559
427	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-(phenylsulfanyl)-5-pyrimidinecarboxamide	92.9	1.3	168, 525
428	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)phenyl)oxy)-5-pyrimidinecarboxamide	90.8	1.23	592

- 124 -

No.	Name	LC purity	LC Rt	Mass found
429	N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.41	329, 615
430	N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.49	301, 601
431	N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.51	308, 615
432	N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.36	657, 589
433	N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide	100	1.41	599, 300
434	N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	88	1.21	288, 576
435	N-(2,6-dimethylphenyl)-2-(((4-(4-methyl-1-piperazinyl)-phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.36	577, 309
436	N-(2,6-dimethylphenyl)-4-(((2-(methyloxy)phenyl)-methyl)oxy)-2-(((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	89	1.4	553
437	N-(2,6-dimethylphenyl)-4-((1-methylethyl)oxy)-2-(((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	94	1.26	231, 503, 252
438	N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)-phenyl)oxy)-2-(((4-(4-(1-methylethyl)-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	96.3	1.42	595

- 125 -

No.	Name	LC purity	LC Rt	Mass found
439	N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)-phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	99	1.37	567
440	N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)-phenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.38	597
441	N-(2,6-dimethylphenyl)-4-((2-(5-isoxazolyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	95	1.28	288, 576, 228
442	N-(2,6-dimethylphenyl)-4-((2-(5-isoxazolyl)phenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	133	302, 242, 604
443	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	89	1.53	596, 298
444	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	94	1.35	306, 611
445	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)-amino)-5-pyrimidinecarboxamide	99.5	1.34	583, 292, 312
446	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	86	1.32	569
447	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(((4-methyl-1-piperazinyl)acetyl)-amino)phenyl)amino)-5-pyrimidinecarboxamide	100	1.32	640
448	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(((2S)-2-pyrrolidinylmethyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	87	1.39	292, 584

- 126 -

No.	Name	LC purity	LC Rt	Mass found
449	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidine-carboxamide	100	1.63	545
450	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	96	1.28	315, 335, 629
451	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	95.2	1.46	614, 307
452	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96.1	1.34	306, 571, 286
453	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(1-piperidiny)l)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	93	1.44	600
454	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-morpholinyl)propyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.44	308, 616
455	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.47	300, 600
456	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	615
457	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(1-pyrrolidiny)l)ethyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.42	586
458	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-pyrrolidiny)l)propyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	97	1.47	300, 600

- 127 -

No.	Name	LC purity	LC Rt	Mass found
459	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(4-morpholinyl)ethyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	86	1.37	602, 624
460	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)-oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	322, 643, 665
461	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	85	1.26	301, 601
462	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	91	1.39	572, 594
463	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	86	1.4	572
464	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	95	1.4	599, 239, 300
465	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((octahydro-2H-quinolizin-1-yl)methyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	70	5.85	320, 640
466	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((4-(1H-imidazol-1-yl)butyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	94	1.48	306, 611
467	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-(2-(methyloxy)ethyl)-1-piperazinyl)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	337, 673
468	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.25	597, 319, 299

- 128 -

No.	Name	LC purity	LC Rt	Mass found
469	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-((2-((1-methylethyl)amino)ethyl)oxy)-3-(methyloxy)-phenyl)amino)-5-pyrimidinecarboxamide	93	1.42	293, 586
470	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	98	1.28	335, 669
471	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(1-(1-methylethyl)-4-piperidiny)phenyl)amino)-5-pyrimidinecarboxamide	100	1.44	290, 580
472	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(1-methyl-4-piperidiny)phenyl)amino)-5-pyrimidinecarboxamide	100	1.37	552
473	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.32	298, 595
474	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.21	581, 291, 230
475	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	87	1.38	291, 581, 311
476	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(4-(2-(methyloxy)ethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.39	299, 597
477	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	99.5	1.31	297, 553
478	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((6-(4-methyl-1-piperazinyl)-3-pyridiny)amino)-5-pyrimidinecarboxamide	100	1.24	554, 298, 277



- 129 -

No.	Name	LC purity	LC Rt	Mass found
479	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((6-(4-morpholinyl)-3-pyridinyl)amino)-5-pyrimidine-carboxamide	96	1.37	541
480	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.42	579, 310, 290
481	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)-amino)-5-pyrimidinecarboxamide	100	1.78	571
482	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-pyridinyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)-amino)-5-pyrimidinecarboxamide	88	1.25	304, 608
483	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-thienyl)-phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.76	613
484	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-5-pyrimidinecarboxamide	96	1.43	321, 581, 291
485	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)-amino)-5-pyrimidinecarboxamide	98	1.84	573
486	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-((2-(4-methyl-1-piperazinyl)-ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.39	313, 625
487	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(1-methyl-4-piperidinyl)-phenyl)amino)-5-pyrimidinecarboxamide	93	1.52	290, 580
488	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.67	312, 624

- 130 -

No.	Name	LC purity	LC Rt	Mass found
489	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3-((3-(4-methyl-1-piperazinyl)-propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	87	1.47	320, 639
490	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3-(methyloxy)-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95	1.54	306, 612
491	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-5-pyrimidinecarboxamide	95	1.43	312, 623
492	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)-ethyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.31	305, 609, 244
493	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-(((4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92.2	1.3	540, 291, 270
494	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-(((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96.6	1.27	290, 539
495	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide	84.1	1.68	441
496	N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	90.9	1.33	567
497	N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	99.6	1.35	555, 596
498	N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	85.9	1.44	598

- 131 -

No.	Name	LC purity	LC Rt	Mass found
499	N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98.9	1.66	565
500	N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	97.6	1.31	537
501	N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	96.4	1.2	321, 301, 601
502	N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)-phenyl)amino)-5-pyrimidinecarboxamide	93.4	1.21	615, 308, 328
503	N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	90.2	1.26	557, 279, 299
504	N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	93.1	1.28	527, 284
505	N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.21	291, 580, 230
506	N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.26	305, 608
507	N-(2,6-dimethylphenyl)-4-((2'-methyl-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.83	621, 643
508	N-(2,6-dimethylphenyl)-4-((3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	88	1.82	607

- 132 -

No.	Name	LC purity	LC Rt	Mass found
509	N-(2,6-dimethylphenyl)-4-((3-(methyloxy)-4'-(trifluoromethyl)-1,1'-biphenyl-4-yl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	90	1.89	675
510	N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.3	557, 299, 279
511	N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95.9	1.4	588
512	N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	90.4	1.37	555
513	N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.3	527, 284
514	N-(2,6-dimethylphenyl)-4-((4-((phenylmethyl)oxy)-phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.81	607
515	N-(2,6-dimethylphenyl)-4-((4-(1H-indol-5-yl)-2-(methyloxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)-phenyl)amino)-5-pyrimidinecarboxamide	100	1.67	646
516	N-(2,6-dimethylphenyl)-4-((4-(4-methyl-1-piperazinyl)-phenyl)amino)-2-(phenylsulfanyl)-5-pyrimidinecarboxamide	96.4	1.3	283, 525
517	N-(2,6-dimethylphenyl)-4-((4-(methyloxy)phenyl)oxy)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	92.9	1.24	283, 525
518	N-(2,6-dimethylphenyl)-4-((4-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	95.2	1.22	539

- 133 -

No.	Name	LC purity	LC Rt	Mass found
519	N-(2,6-dimethylphenyl)-4-((4-(phenyloxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidine-carboxamide	100	1.81	593
520	N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	96.7	1.32	557, 299, 279
521	N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	98.8	1.45	588
522	N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	82.2	1.32	528
523	N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidine-carboxamide	100	1.27	527, 284
524	5-iodo-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-methyl-1-piperazinyl)phenyl)-2-pyrimidinamine	100	1.29	517, 519
525	5-(((2,6-dimethylphenyl)amino)methyl)-4-((2-(methyloxy)phenyl)oxy)-N-(3,4,5-tris(methyloxy)phenyl)-2-pyrimidinamine	91	1.22	517, 259
526	N-(2,6-dimethylphenyl)-2,4-bis(phenylamino)-5-pyrimidinecarboxamide	100	1.55	410
527	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenylamino)-5-pyrimidinecarboxamide	100	1.19	584, 292
528	5-((E)-2-(2-chlorophenyl)ethenyl)-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-methyl-1-piperazinyl)phenyl)-2-pyrimidinamine	91	1.42	528, 53
529	5-((E)-2-(2-chlorophenyl)ethenyl)-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-methyl-1-piperazinyl)phenyl)-2-pyrimidinamine	91	1.42	528, 530

- 134 -

No.	Name	LC purity	LC Rt	Mass found
530	methyl (2E)-3-(4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinyl)-2-propenoate	100	1.19	476
531	5-((Z)-2-(2-chlorophenyl)-1-fluoroethenyl)-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-methyl-1-piperazinyl)phenyl)-2-pyrimidinamine	90.2	1.55	546
532	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenylamino)-5-pyrimidinecarboxamide	100	1.2	508,254
533	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(phenylamino)-5-pyrimidinecarboxamide	100	1.31	569,285
534	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenylamino)-5-pyrimidinecarboxamide	100	1.22	526,263
535	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-(phenylamino)-5-pyrimidinecarboxamide	92.6	4.39	536
536	2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenylamino)-5-pyrimidinecarboxamide	100	1.13	565,583
537	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenylamino)-5-pyrimidinecarboxamide	100	1.12	579,290
538	2-((4-((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenylamino)-5-pyrimidinecarboxamide	100	1.2	524,262
539	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	94.2	1.39	625,313

- 135 -

No.	Name	LC purity	LC Rt	Mass found
540	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	96.9	1.5	686,343
541	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	91.4	1.43	643, 322
542	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	96.2	1.43	653, 327
543	2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.29	506
544	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((2-(4-(phenylmethyl)-1-piperazinyl)ethyl)amino)-5-pyrimidinecarboxamide	100	1.3	581, 291
545	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(1-naphthalenyloxy)-5-pyrimidinecarboxamide	100	1.33	559, 280
546	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.87	694, 347
547	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide	91.2	1.57	600, 300
548	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.33	684, 342

- 136 -

No.	Name	LC purity	LC Rt	Mass found
549	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.3	666, 333
550	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.27	742, 371
551	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.41	727, 364
552	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.32	684
553	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.33	694
554	4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	86.5	1.19	594
555	2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	89	1.47	534, 267
556	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1H-imidazol-1-yl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.45	597, 299
557	4-((3-((aminocarbonyl)amino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	84.8	1.11	567



- 137 -

No.	Name	LC purity	LC Rt	Mass found
558	4-((3-((aminocarbonyl)amino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	82.9	1.25	628, 314
559	4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1H-imidazol-1-yl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96.6	1.53	669
560	4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.48	625
561	4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.4	701, 351
562	4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.59	686, 343
563	4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.51	643
564	4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.56	653, 327
565	4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.37	696, 348

- 138 -

No.	Name	LC purity	LC Rt	Mass found
566	4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-(2-(methyloxy)ethyl)-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.47	745,373
567	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(4-morpholinyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.22	670,335
568	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(4-morpholinyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.39	655,328
569	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(4-morpholinyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.18	665,333
570	4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	86.5	1.25	627
571	4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	89.3	1.18	584
572	4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	94.8	1.17	642,334 1
573	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	96.7	1.29	784,392

- 139 -

No.	Name	LC purity	LC Rt	Mass found
574	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.31	756,378
575	2-((4-(diethylamino)butyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.27	619,310
576	N-(2,6-dichlorophenyl)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.29	782,784
577	N-(2,6-dichlorophenyl)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	94.7	1.45	767,769
578	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	91.9	1.45	728,730
579	4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.34	656,658
580	4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.27	732,734

- 140 -

No.	Name	LC purity	LC Rt	Mass found
581	4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.42	717,719
582	4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.33	674,676
583	4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	98	1.38	684,686
584	4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.25	727,729
585	2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	98.5	1.32	595
586	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.3	697,349
587	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	93.5	1.31	669,335
588	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.33	718,359

- 141 -

No.	Name	LC purity	LC Rt	Mass found
589	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.41	761,381
590	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-5-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.4	716,358
591	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-5-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.31	774,387
592	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-5-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.36	698,349
593	N-(2,6-dimethylphenyl)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	97.2	1.28	619,310
594	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.23	695,348
595	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.39	680
596	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.31	637

- 142 -

No.	Name	LC purity	LC Rt	Mass found
597	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide	96.9	1.33	647
598	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.21	690,345
599	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	94.6	1.39	680
600	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	87.9	1.33	669,335
601	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.51	654,327
602	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	97.6	1.43	611,306
603	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	88.9	1.44	621, 311
604	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	90.3	1.3	664, 332

- 143 -

No.	Name	LC purity	LC Rt	Mass found
605	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	95.5	1.52	654
606	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-phenyl-4-pyrimidinyl)phenyl)oxy)-5-pyrimidinecarboxamide	94.7	1.47	663
607	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(2-phenyl-4-pyrimidinyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.59	724, 362
608	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(2-phenyl-4-pyrimidinyl)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.54	691
609	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.3	597, 299
610	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.37	586, 293
611	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.34	571
612	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.24	629, 315
613	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.23	657, 329

- 144 -

No.	Name	LC purity	LC Rt	Mass found
614	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	93.8	1.15	742, 371
615	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.23	684, 343
616	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.43	582, 291
617	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	732, 366
618	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.42	685, 687
619	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.26	760, 762
620	4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	99	1.2	739, 370
621	4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	94.4	1.21	725, 363



- 145 -

No.	Name	LC purity	LC Rt	Mass found
622	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95.6	6.19	709, 355
623	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	90.3	6.05	713, 357
624	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	97.5	5.41	784, 392
625	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-2-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1	665, 333
626	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.07	607, 304
627	N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.51	617
628	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.48	635
629	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.29	664,332

- 146 -

No.	Name	LC purity	LC Rt	Mass found
630	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	91.7	1.41	621, 311
631	N-(2,6-dichlorophenyl)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.46	680, 682
632	N-(2,6-dichlorophenyl)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	695, 697
633	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	100	1.37	698
634	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.35	724, 362
635	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	94.6	1.38	743, 745
636	2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide	97.8	1.19	617, 309
637	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.3	

- 147 -

No.	Name	LC purity	LC Rt	Mass found
638	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.37	724, 302
639	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.35	682, 281
640	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide	93.5	1.53	667, 274
641	N-(2,6-dimethylphenyl)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	98	1.56	649, 265
642	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide	96.6	1.45	664, 333
643	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide	93.6	1.38	696, 349
644	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide	95.1	1.5	653, 267
645	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide	98.5	1.47	638, 259
646	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((3-(2-phenyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide	84.8	1.59	758, 380

- 148 -

No.	Name	LC purity	LC Rt	Mass found
647	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-phenyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide	87.7	1.61	786, 394
648	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	86.7	1.1	635, 318
649	N-(2,6-dimethylphenyl)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92.7	1.09	618, 310
650	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	97.7	1.03	665, 333
651	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide	87.7	1.02	651, 326
652	N-(2,6-dimethylphenyl)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.25	764, 383
653	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	95	1.22	782, 392
654	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97.3	1.13	797, 399

- 149 -

No.	Name	LC purity	LC Rt	Mass found
655	2-((4-(diethylamino)butyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.43	532, 267
656	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	88	1.33	700, 350
657	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide	91	1.29	776, 388
658	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide	87	1.35	728
659	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide	100	1.52	602
660	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide	92	1.22	740
661	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.36	725
662	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide	86	1.47	566

- 150 -

No.	Name	LC purity	LC Rt	Mass found
663	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide	86	1.35	728
664	N-(2,6-dimethylphenyl)-2-((2-hydroxypropyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.21	548
665	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.19	798, 399
666	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.18	756
667	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	91	1.32	741
668	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.32	723
669	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.26	738, 369

- 151 -

No.	Name	LC purity	LC Rt	Mass found
670	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.2	770
671	4-(1,1'-biphenyl-3-yloxy)-2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	94	1.36	703
672	4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	93	1.34	661
673	4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	93	1.51	646
674	4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95	1.55	628
675	4-(1,1'-biphenyl-3-yloxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	96	1.45	643
676	4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95	1.37	675
677	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	95	1.24	728
678	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	94	1.26	713

- 152 -

No.	Name	LC purity	LC Rt	Mass found
679	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.14	770
680	4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	89	1.14	730, 365
681	4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.16	796, 342
682	4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.22	715, 358
683	4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	93	1.09	711, 356
684	4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	90	1.1	725, 363
685	4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	744



- 153 -

No.	Name	LC purity	LC Rt	Mass found
686	4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.23	744
687	4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.4	729
688	4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	97	1.3	686
689	4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.35	696
690	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.22	758
691	4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.22	716, 718
692	4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.38	701, 703

- 154 -

No.	Name	LC purity	LC Rt	Mass found
693	4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.37	683, 685
694	4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	93	1.3	698, 700
695	4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.24	730, 732
696	4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	100	1.31	672, 674
697	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95	1.26	758, 760
698	N-(2,6-dichlorophenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	87	1.3	669, 671
699	N-(2,6-dichlorophenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92	1.47	654, 656
700	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	100	1.35	697, 699

- 155 -

No.	Name	LC purity	LC Rt	Mass found
701	N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	94	1.56	682, 684
702	N-(2,6-dichlorophenyl)-4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.23	754, 756
703	N-(2,6-dichlorophenyl)-4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.39	739, 741
704	N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide	93	1.24	575, 227
705	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.19	651, 265
706	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide	86	1.25	593, 236
707	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.33	636, 258
708	N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.27	603, 302
709	2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide	88	1.17	632, 316

- 156 -

No.	Name	LC purity	LC Rt	Mass found
710	2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide	96	1.18	646, 323
711	2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide	93	1.17	528, 404
712	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide	93	1.24	607, 304
713	N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-6-((4-(4-methyl-1-piperazinyl)phenyl)amino)-3-pyridinecarboxamide	91	1.23	552, 276
714	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.39	689, 691
715	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	91.4	1.47	674, 676
716	2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.27	760, 762
717	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.25	716, 718
718	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.33	672, 674

- 157 -

No.	Name	LC purity	LC Rt	Mass found
719	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.41	708, 710
720	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.44	704, 706
721	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.28	668, 335
722	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.32	697, 673
723	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.18	712, 356
724	4-((3-(acetylamino)phenyl)oxy)-2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.09	519
725	4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.14	566, 283
726	4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.35	687, 689

- 158 -

No.	Name	LC purity	LC Rt	Mass found
727	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.31	685, 343
728	N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.52	610, 305
729	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.39	625, 313
730	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.33	657, 329
731	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	97.5	1.47	614, 307
732	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.42	599, 300
733	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.24	784, 332
734	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	96.1	1.32	724, 363

- 159 -

No.	Name	LC purity	LC Rt	Mass found
735	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	94.3	1.27	756, 379
736	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	93.9	1.35	713, 357
737	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.34	698, 350
738	4-((4-(4-(diethylamino)-4-oxobutyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	756, 378
739	4-((4-(4-(diethylamino)-4-oxobutyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96.6	1.46	741, 371
740	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2-pyridiny)methyl)-5-pyrimidinecarboxamide	90	0.91	705, 353
741	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-N-(2-pyridiny)methyl)-5-pyrimidinecarboxamide	93.5	1.02	690, 345

- 160 -

No.	Name	LC purity	LC Rt	Mass found
742	2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.45	641
743	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	98	1.47	637, 319
744	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	95	1.48	611, 306
745	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	93	1.28	697, 349
746	4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.42	626
747	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-((1S)-1-phenylethyl)-5-pyrimidinecarboxamide	98	1.25	18, 720
748	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-((1S)-1-phenylethyl)-5-pyrimidinecarboxamide	92	1.4	703, 705
749	-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(4-fluorophenyl)-5-pyrimidinecarboxamide	100	1.28	708, 710



- 161 -

No.	Name	LC purity	LC Rt	Mass found
750	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(4-fluorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.46	693, 695
751	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2-fluorophenyl)-5-pyrimidinecarboxamide	100	1.3	708, 710
752	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2-fluorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.46	693, 695
753	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide	100	1.3	732, 735
754	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide	98	1.46	717, 719
755	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide	100	1.23	744, 746
756	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide	100	1.36	729, 731

- 162 -

No.	Name	LC purity	LC Rt	Mass found
757	4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92	4.67	728, 364
758	4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	99	5.57	713, 357
759	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	93.5	5.28	710, 355
760	4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95.5	4.8	742, 371
761	4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92.6	5.39	699, 350
762	4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	97.1	5.35	684,342
763	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	91.8	4.76	770,385

- 163 -

No.	Name	LC purity	LC Rt	Mass found
764	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	95	1.26	664,332
765	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.24	767,384
766	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.24	725,363
767	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.39	710,355
768	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.32	707,354
769	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.25	739,370
770	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.37	696,348

- 164 -

No.	Name	LC purity	LC Rt	Mass found
771	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.34	681,341
772	4-((2-chloro-4-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	86	1.15	774,330
773	4-((2-chloro-4-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide	100	1.15	784,335
774	4-((2-chloro-4-(2-(diethylamino)ethyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	92	1.11	713,715
775	2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	91	1.43	597,299
776	2-((3-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide	93	1.51	597,299
777	2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.31	569,285
778	2-((3-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.36	569,285

- 165 -

No.	Name	LC purity	LC Rt	Mass found
779	4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	86	1.32	712, 356
780	4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.24	730, 732
781	4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.26	744, 746
782	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	95	4.88	694, 347
783	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	92	4.38	726, 363
784	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	98	4.48	726, 363

- 166 -

No.	Name	LC purity	LC Rt	Mass found
785	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	86	1.21	784, 392
786	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.21	742, 372
787	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	90	1.36	727, 364
788	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	91	1.24	756, 379
789	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	92	1.32	713, 357
790	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	94	1.3	698, 350

- 167 -

No.	Name	LC purity	LC Rt	Mass found
791	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2- ((4-((2- (diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)ami no)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	91	1.38	700,703
792	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1- piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6- dimethylphenyl)-4-((4-(((1-methylethyl)amino)carbonyl)- 2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.23	742,372
793	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1- piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(((1- methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)- 5-pyrimidinecarboxamide	98	1.22	700, 351
794	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1- piperidiny)propyl)oxy)phenyl)amino)-4-((4-(((1- methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)- 5-pyrimidinecarboxamide	97	1.37	685, 343
795	N-(2,6-dimethylphenyl)-4-((4-(((1- methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)- 2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5- pyrimidinecarboxamide	92	1.39	667, 334
796	2-((4-((2- (diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)ami no)-N-(2,6-dimethylphenyl)-4-((4-(((1- methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)- 5-pyrimidinecarboxamide	91	1.29	682, 342
797	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1- methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4- ((4-(((1-methylethyl)amino)carbonyl)-2- (methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.23	714, 358

- 168 -

No.	Name	LC purity	LC Rt	Mass found
798	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	95	1.33	671, 336
799	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	96	1.3	656, 329
800	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	94	1.27	768, 385
801	4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.26	726, 363
802	4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.42	711, 356
803	4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	98	1.45	693, 347
804	4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	92	1.34	708, 355



- 169 -

No.	Name	LC purity	LC Rt	Mass found
805	4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.28	740, 371
806	4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.38	697, 349
807	4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	100	1.36	682, 342
808	4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.42	695, 348
809	4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.09	773, 775
810	4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.17	758, 760

- 170 -

No.	Name	LC purity	LC Rt	Mass found
811	4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.16	740, 742
812	4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.16	744, 746
813	4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	92	1.14	729, 731
814	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	95	1.18	762, 764
815	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	90	1.11	779, 390
816	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.13	768, 384
817	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.13	753, 377

- 171 -

No.	Name	LC purity	LC Rt	Mass found
818	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	91	4.89	772, 774
819	4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92	4.83	730, 732
820	4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	5.86	715, 717
821	4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-2-(((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	97	5.44	712, 714
822	4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	91	4.95	744, 746
823	4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	91	5.7	701, 703
824	4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	94	4.3	732, 734

- 172 -

No.	Name	LC purity	LC Rt	Mass found
825	4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92	4.4	746, 748
826	4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	88	5.01	703, 705
827	4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.24	704, 706
828	4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	91	1.4	689, 691
829	4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	92	1.32	686, 688
830	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.25	746, 748
831	N-(2,6-dimethylphenyl)-4-((2-ethylimidazo[1,2-a]pyridin-8-yl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	86	1.05	653, 327

- 173 -

No.	Name	LC purity	LC Rt	Mass found
832	2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	88	1.33	694, 348
833	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.25	754, 378
834	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.37	683, 342
835	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.27	726, 364
836	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.42	679, 340
837	4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	98	4.9	688, 690
838	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichloro-4-fluorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	96	1.33	776, 778
839	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichloro-4-fluorophenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92	1.49	761, 763

- 174 -

No.	Name	LC purity	LC Rt	Mass found
840	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(4-fluoro-2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95	1.3	738, 738
841	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(4-fluoro-2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97	1.47	721, 723
842	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-((5-methyl-3-isoxazolyl)methyl)-5-pyrimidinecarboxamide	88	1.12	709, 711
843	4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-((5-methyl-3-isoxazolyl)methyl)-5-pyrimidinecarboxamide	87	1.26	694, 696
844	4-((2-chloro-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.19	720, 722
845	4-((2-chloro-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.33	705, 707
846	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.25	756, 379

- 175 -

No.	Name	LC purity	LC Rt	Mass found
847	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.39	681, 341
848	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.32	696, 348
849	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.26	728, 365
850	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	99	1.36	685, 343
851	4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	87	1.35	670, 336
852	4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92.5	1.38	725, 363
853	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	91.3	1.34	699, 350

- 176 -

No.	Name	LC purity	LC Rt	Mass found
854	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.21	700, 351
855	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	92.1	1.14	744, 373
856	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.22	770, 385
857	4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.43	739, 370
858	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	92.3	1.26	796, 398
859	4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	97.7	1.28	754, 377
860	4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	95.6	1.37	710, 355



- 177 -

No.	Name	LC purity	LC Rt	Mass found
861	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.32	684, 342
862	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.37	713, 357
863	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	95.2	1.36	709, 355
864	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.16	758, 379
865	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.29	743, 372
866	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.29	725, 363
867	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.21	740, 371

- 178 -

No.	Name	LC purity	LC Rt	Mass found
868	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	98.9	1.3	683, 342
869	4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	92.5	1.37	715
870	4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	100	1.33	686, 688
871	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.25	772, 774
872	4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.36	701, 703
873	4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.22	760, 762
874	4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	95.8	1.26	728, 730

- 179 -

No.	Name	LC purity	LC Rt	Mass found
875	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.19	788, 790
876	4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	93.3	1.27	717, 719
877	4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.28	713, 715
878	4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.34	731, 733
879	4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.21	734, 736
880	4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	95.7	1.23	676, 678
881	4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	87.5	1.08	787, 789

- 180 -

No.	Name	LC purity	LC Rt	Mass found
882	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.14	784, 392
883	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	93.5	1.14	742, 371
884	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	94.3	1.29	709, 355
885	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide	100	1.29	798, 399
886	2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide	100	1.3	756, 379
887	2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide	100	1.45	741, 371
888	4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide	100	1.45	723, 362

- 181 -

No.	Name	LC purity	LC Rt	Mass found
889	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide	96.1	1.38	738, 370
890	2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide	94	1.4	708, 355
891	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.29	727, 364
892	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	91	1.17	800, 521
893	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.17	772, 386
894	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.24	729, 365
895	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.21	714, 358

- 182 -

No.	Name	LC purity	LC Rt	Mass found
896	2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.25	724, 363
897	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	97	1.29	682, 342
898	2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.23	724, 362
899	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.18	756
900	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.26	713
901	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.25	698, 349
902	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.11	772, 387

- 183 -

No.	Name	LC purity	LC Rt	Mass found
903	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.11	730, 366
904	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.28	715, 358
905	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	100	1.24	697, 349
906	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.13	744, 373
907	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	95	1.21	701, 351
908	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.17	686, 344
909	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinoliny)oxy)-5-pyrimidinecarboxamide	97	1.13	654, 327
910	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinoliny)oxy)-5-pyrimidinecarboxamide	100	1.2	610, 305

- 184 -

No.	Name	LC purity	LC Rt	Mass found
911	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide	90	1.13	696, 348
912	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide	100	1.23	625, 313
913	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide	86	1.16	668, 33
914	N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.1	725, 363
915	2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	91	1.1	751, 376
916	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	98	1.12	758, 380
917	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	90	1.25	701, 351



- 185 -

No.	Name	LC purity	LC Rt	Mass found
918	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-((1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	88	1.13	754, 378
919	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-((1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	90	1.06	784, 392
920	4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	97	1.31	668, 335
921	4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((4-((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	97	1.32	682, 341
922	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	93	1.22	728, 364
923	2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide	100	1.29	710, 355
924	4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	98	1.35	736, 368

- 186 -

No.	Name	LC purity	LC Rt	Mass found
925	2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide	90	1.22	726, 364
926	2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyl)oxy)-5-pyrimidinecarboxamide	100	1.18	636, 319
927	2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	98	1.3	770, 385
928	4-((4-(((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	91	1.46	713, 357
929	4-((4-(((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide	100	1.41	710, 355
930	4-((4-(((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	85	1.41	699, 350
931	4-((4-(((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide	100	1.41	684, 342

- 187 -

No.	Name	LC purity	LC Rt	Mass found
932	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	92	1.13	716, 359
933	N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide	89	1.25	683, 342
934	2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	97	1.23	698
935	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	88	1.11	730, 366
936	N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide	90	1.25	
937	2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide	100	1.74	768

- 188 -

No.	Name	LC purity	LC Rt	Mass found
938	2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide	100	1.88	753
939	4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide	100	1.87	735
940	2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide	97.6	1.83	750
941	2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide	96.4	1.76	782
942	2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide	100	1.86	739
943	2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide	100	1.34	724, 504

LC method:

- 189 -

Unless otherwise indicated all LC analyses were run on a Waters 2790 system with a Phenomenex Luna C<sub>8</sub> (3 $\mu$ ) reverse phase column (100 x 2 mm) run with a flow rate of 1.00 mL/min.

The mobile phase used solvent A (H<sub>2</sub>O/0.1% TFA) and solvent B (CH<sub>3</sub>CN/0.1% TFA) with a 9.5 min gradient from 5% to 95% CH<sub>3</sub>CN. The gradient was followed by a 0.2 min return to 5% CH<sub>3</sub>CN and a 3.8 min flush. The peaks of interest eluted on the LC profiles at the times indicated.

LC-MS method:

1. LCMS analyses were run on an Micromass Single Quadrupole LCMS system comprising an Agilent HP-1100 LC with a Hypersil BDS C<sub>18</sub> (5 $\mu$ ) reverse phase column (2.1 x 50 mm) ) run with a flow rate of 1.00 mL/min.
2. The mobile phase used solvent A (H<sub>2</sub>O/0.1% TFA) and solvent B (CH<sub>3</sub>CN/0.1% TFA) with a 2.1 min gradient from 0% to 95% CH<sub>3</sub>CN. The gradient was followed by a 0.2 min return to 0% CH<sub>3</sub>CN and a 0.1 min flush.
3. The peaks of interest eluted on the LC profiles at the times indicated.

Proton NMR Spectra:

Unless otherwise indicated all <sup>1</sup>H NMR spectra were run on an Bruker Avance 400 MHz instrument. All observed protons are reported as parts per million (ppm) downfield from tetramethylsilane (TMS) or other internal reference in the appropriate solvent indicated.

## BIOLOGICAL ASSAYS

The following assays can be employed to determine the degree of activity of a compound as a protein kinase inhibitor. Compounds described herein have been tested in one or more of these assays, and have shown activity. Representative compounds of the invention were tested and found to exhibit IC<sub>50</sub> values of at least < 10  $\mu$ M in any one of the described assays, thereby demonstrating and confirming the utility of the compounds of the invention as protein kinase inhibitors and in the prophylaxis and treatment of immune diseases, hyperproliferative disorders, etc.

### **LCK-Homogeneous Time Resolved Fluorescent (HTRF) Kinase Assay:**

The LCK HTRF assay begins with LCK in the presence of ATP phosphorylating the biotinylated peptide Gastrin. The reaction incubates for 90 min.

- 190 -

To quench the assay detection reagents are added which both stop the reaction by diluting out the enzyme and chelating the metals due to the presence of EDTA. Once the detection reagents are added the assay incubates for 30 min to allow for equilibration of the detection reagents.

The LCK HTRF assay is comprised of 10  $\mu$ L of compound in 100% DMSO, 15  $\mu$ L of ATP and biotinylated Gastrin, and 15  $\mu$ L of LCK KD GST (225-509) for a final volume of 40  $\mu$ L. The final concentration of gastrin is 1.2 $\mu$ M. The final concentration of ATP is 0.5 $\mu$ M ( $K_m$  app= 0.6 $\mu$ M $\pm$ 0.1) and the final concentration of LCK is 250pM. Buffer conditions are as follows: 50mM HEPES pH 7.5, 50mM NaCl, 20mM MgCl, 5mM MnCl, 2mM DTT, 0.05% BSA.

The assay is quenched and stopped with 160  $\mu$ L of detection reagent. Detection reagents are as follows: Buffer made of 50mM Tris, pH 7.5, 100mM NaCl, 3mM EDTA, 0.05% BSA, 0.1% Tween20. Added to this buffer prior to reading is Steptavidin allophycocyanin (SA-APC) at a final conc in the assay of 0.0004 mg/mL, and europilated anti-phosphotyrosine Ab (Eu-anti-PY) at a final conc of 0.025nM.

The assay plate is read in either a Discovery or a RubyStar. The eu-anti-PY is excited at 320 nm and emits at 615 nm to excite the SA-APC which in turn emits at 655 nm. The ratio of SA-APC at 655 nm (excited due to close proximity to the Eu-anti-PY because of phosphorylation of the peptide) to free Eu-anti-PY at 615 nm will give substrate phosphorylation.

Assays for other kinases are done in a similar way as described above, varying the concentrations of enzyme, peptide substrate, and ATP added to the reaction, depending on the specific activity of the kinase and measured  $K_m$ 's for the substrates.

The following compounds exhibit activity of better than 1 $\mu$ M in the LCK-HTRF Kinase Assay:

- 1,1-dimethylethyl 4-(4-((5-(((2,6-dimethylphenyl)amino)carbonyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)oxy)phenyl)-1-piperazinecarboxylate;
- 2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

- 2-(((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-(((3-(((2-(dimethylamino)ethyl)amino)sulfonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-(((3-(((2-(dimethylamino)ethyl)amino)sulfonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-(((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-(((3,4-bis(methyloxy)-5-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-(((3,4-bis(methyloxy)-5-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarbox amide;
- 2-(((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-(((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarbox amide;
- 2-(((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarbox amide;
- 2-(((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide;
- 2-(((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide;
- 2-(((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;
- 2-(((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-

- 192 -

(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide;  
2-((3-chloro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3-chloro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-



- 193 -

- (2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidine carboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-((3-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)propyl)oxy)-3-fluorophenyl)

- 194 -

- amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidine carboxamide;
- 2-((4-((3-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)propyl)oxy)-3-fluorophenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-((3-(diethylamino)propyl)oxy)-3-fluorophenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide;
- 2-((4-(1-(3-(dimethylamino)propyl)-4-piperidinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-((4-(1-(3-(dimethylamino)propyl)-4-piperidinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(2-(diethylamino)ethyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(2-(diethylamino)ethyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidine carboxamide;
- 2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarbox amide;
- 2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidine carboxamide;
- 2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

- 195 -

- 2-((4-(4-(2-amino-2-oxoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-((4-(4-(2-amino-2-oxoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(4-(2-aminoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(4-(2-aminoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidine carboxamide;
- 2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarbox amide;
- 2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-(1,3-benzothiazol-6-ylamino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-(1,3-benzothiazol-6-ylamino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;
- 2,6-dichloro-N-(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinyl)benzamide;
- 2,6-dichloro-N-(4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinyl)benzamide;
- 4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

- 196 -

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidine

carboxamide;

4-((2-(((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-morpholinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

- 198 -

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,3-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

- 199 -

- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidine carboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarbox amide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarbox amide;
- 4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarbox amide;
- 4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-fluorophenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-fluorophenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarbox amide;

- 4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-methylphenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-



- 201 -

piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(2-aminoethyl)phenyl)oxy)-N-(2,6-dichlorophenyl)-2-(phenylamino)-5-pyrimidinecarboxamide;  
4-((3-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-(phenylamino)-5-pyrimidinecarboxamide;  
4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

- 202 -

- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,3'-bis(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,4'-bis(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,4'-bis(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

- 203 -

- 4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3'-chloro-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3'-cyano-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-

- 204 -

dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)ethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(1,3-benzodioxol-5-yl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(1,3-benzodioxol-5-yl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 205 -

4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-

- 206 -

- dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)propyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)propyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(acetylaminophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(acetylaminophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(acetylaminophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

- 207 -

- 4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4'-(dimethylamino)-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-chlorophenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-chlorophenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

- 208 -

4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4'-chloro-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4'-chloro-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-2-((4-



- 209 -

- (4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 210 -

- 4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidine carboxamide;
- 4-(1,3-benzodioxol-5-yloxy)-2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarbox amide;
- 4-(1,3-benzodioxol-5-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-(1,3-benzodioxol-5-yloxy)-N-(2,6-dimethylphenyl)-2-((4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-(1,3-benzodioxol-5-yloxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarbox amide;
- N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarbox amide;
- N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarbox amide;
- N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-

- 211 -

4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-  
4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)  
phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)  
phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)  
phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)  
phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)  
phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-  
naphthalenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-((3-(diethylamino)propyl)oxy)-3-fluorophenyl)  
amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-  
(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-  
(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-  
(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-

- 212 -

(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((4-(1-piperazinyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(((4-methyl-1-piperazinyl)acetyl)amino)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)

- 213 -

oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(1-piperidiny)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(1-pyrrolidinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarbox

amide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-morpholinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;

- 215 -

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-pyrrolidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-(2-(methyloxy)ethyl)-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-fluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(((2-(methyloxy)phenyl)methyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenylamino)-5-pyrimidinecarboxamide;

- 216 -

- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-pyridinyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-thienyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-indol-5-yl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)-4'-(trifluoromethyl)-1,1'-biphenyl-4-yl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)



phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-fluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-morpholinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-piperidinylmethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((4-(1H-imidazol-1-yl)butyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((octahydro-2H-quinolizin-1-ylmethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidiny)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-fluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-fluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-((2-((1-methylethyl)amino)ethyl)oxy)-3-(methyloxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarbox

- 219 -

amide;

N-(2,6-dimethylphenyl)-2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(1-(1-methylethyl)-4-piperidinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

- 220 -

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(2-(ethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(2-(ethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(2-(methyloxy)ethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenylsulfanyl)-5-pyrimidinecarboxamide;

- 221 -

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((1-methylethyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(5-isoxazolyl)phenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(5-isoxazolyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 222 -

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(((4-methyl-1-piperazinyl)acetyl)amino)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(4-morpholinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-pyrrolidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((4-(1H-imidazol-1-yl)butyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 223 -

- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-(2-(methyloxy)ethyl)-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidine carboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((octahydro-2H-quinolizin-1-ylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(1-pyrrolidinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-morpholinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(1-piperidinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-((2-((1-methylethyl)amino)ethyl)oxy)-3-(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(1-(1-methylethyl)-4-piperidinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(1-methyl-4-piperidinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-5-pyrimidinecarboxamide;

- 224 -

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(4-(2-(methyloxy)ethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((6-(4-methyl-1-piperazinyl)-3-pyridinyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((6-(4-morpholinyl)-3-pyridinyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-pyridinyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-thienyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3-(methyloxy)-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(1-methyl-4-piperidinyl)phenyl)amino)-5-pyrimidinecarboxamide;



- 225 -

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2'-methyl-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((3-(methyloxy)-4'-(trifluoromethyl)-1,1'-biphenyl-4-yl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 226 -

N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-(1H-indol-5-yl)-2-(methyloxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-(methyloxy)phenyl)oxy)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-(phenyloxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide; and

N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

2,6-dimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-morpholinyl)ethyl)carbamate;

2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-dimethylphenyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((2-(4-methyl-1-

- 227 -

- piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((2-(dimethylamino)ethyl)amino)sulfonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-((2-(diethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-chloro-4-((2-((1-methylethyl)amino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-dimethylphenyl)carbamate;
- 2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3,5-difluoro-4-((2-(1-piperidinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(2-(methyloxy)phenyl)ethyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(3-phenylpropyl)carbamate;

- 228 -

- 2,4,6-trimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-morpholinyl)ethyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-((trifluoromethyl)oxy)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-((trifluoromethyl)oxy)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2-((trifluoromethyl)oxy)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-((trifluoromethyl)oxy)phenyl)methyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(4-amino-1-piperidinyl)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(ethyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(4-fluoro-2-((1-methylethyl)oxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(ethyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-fluoro-2-((1-methylethyl)oxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-(ethyloxy)phenyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 4-fluoro-2-((1-methylethyl)oxy)phenyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 229 -

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dimethylphenyl)methyl(2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dimethylphenyl)methyl(2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dimethylphenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-(ethyloxy)phenyl(2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3-aminophenyl)amino)-4-pyrimidinyl(1,1'-biphenyl-3-yl)carbamate;

2,6-dimethylphenyl 2-((3-aminophenyl)amino)-4-pyrimidinyl(2-(ethyloxy)phenyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(4-fluoro-2-((1-methylethyl)oxy)phenyl)carbamate;

2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-fluoro-2-((1-methylethyl)oxy)phenyl)carbamate;

2,6-dimethylphenyl 4-fluoro-2-((1-methylethyl)oxy)phenyl(2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 4-fluoro-2-((1-methylethyl)oxy)phenyl(2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((4-(aminocarbonyl)phenyl)amino)-4-pyrimidinyl(1,1'-

biphenyl-3-yl)carbamate;  
2-chlorophenyl 2,4-bis(methyloxy)phenyl(2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-chlorophenyl 2,4-bis(methyloxy)phenyl(2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-ethyl-4-(methyloxy)phenyl(2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-(1,3-oxazol-5-yl)phenyl(2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((4-(((2(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)phenyl)carbamate;  
2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)phenyl)carbamate;  
2,4,6-trimethylphenyl 2-((2-(aminomethyl)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)phenyl)carbamate;  
2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 231 -

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-

- 232 -

piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3-aminophenyl)amino)-4-pyrimidinyl(2-(methyloxy)phenyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-



- 233 -

- piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((2-(aminomethyl)phenyl)amino)-4-pyrimidinyl(1,1'-biphenyl-3-yl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-(acetylamino)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)phenyl)carbamate;
- 4-chloro-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-chloro-2-(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;
- 4-chloro-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-

- 234 -

(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-6-(2-propenyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(methyloxy)-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-bis(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-

- 235 -

piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-bis(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-bis(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-bis(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;  
2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
4-chloro-2-(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;  
4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 236 -

4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-chlorophenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-chlorophenyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-

- 237 -

piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 238 -

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2-((methyloxy)methyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 239 -

- 2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

- 240 -

- 5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)amino)carbonyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-



- 241 -

methyl-3-piperidinyloxy)phenylamino)-4-pyrimidinylcarbamate;  
2,4,6-trimethylphenyl (3,5-bis(methoxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinylcarbamate;  
2,6-dimethylphenyl 2-chlorophenyl(2-((3-fluoro-4-((3-(1-piperidinyloxy)propyl)oxy)phenyl)amino)-4-pyrimidinylcarbamate;  
2,6-dimethylphenyl 2-chlorophenyl(2-((3-((3-(1-piperidinyloxy)propyl)oxy)phenyl)amino)-4-pyrimidinylcarbamate;  
2,6-dimethylphenyl 2-chlorophenyl(2-((4-((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-pyrimidinylcarbamate;  
2,6-dimethylphenyl 2-chlorophenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinylcarbamate;  
2,6-dimethylphenyl 2-chlorophenyl(2-((3-fluoro-4-((1-methyl-3-piperidinyloxy)phenyl)amino)-4-pyrimidinylcarbamate;  
2,6-dimethylphenyl 2-chlorophenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinylcarbamate;  
5-methyl-2-(methoxy)phenyl 2,4-bis(methoxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinylcarbamate;  
5-methyl-2-(methoxy)phenyl 2,4-bis(methoxy)phenyl(2-((3-((3-(1-piperidinyloxy)propyl)oxy)phenyl)amino)-4-pyrimidinylcarbamate;  
2,6-dimethylphenyl cyclohexyl(2-((3-fluoro-4-((3-(1-piperidinyloxy)propyl)oxy)phenyl)amino)-4-pyrimidinylcarbamate;  
2-(methylsulfanyl)phenyl 2,4-bis(methoxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinylcarbamate;  
2-(methylsulfanyl)phenyl 2,4-bis(methoxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinylcarbamate;  
2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinylcarbamate;  
2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(((6-

- 242 -

- (dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((6-(dimethylamino)hexyl)amino)carbonyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

- 243 -

- 2,6-dimethylcyclohexyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;
- 2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 244 -

2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-

- 245 -

pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,3-bis(methyloxy)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 246 -

- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-((3-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)propyl)oxy)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- methyl 2-((((2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)((2,5-bis(methyloxy)phenyl)methyl)amino)carbonyl)oxy)benzoate;
- methyl 2-((((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;
- methyl 2-((((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;
- methyl 2-((((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;
- methyl 2-((((((2,5-bis(methyloxy)phenyl)methyl)(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;
- methyl 2-((((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

- 247 -

methyl 2-((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-fluoro-4-((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,5-bis(methyloxy)phenyl)methyl)(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)(2,4-bis(methyloxy)phenyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-fluoro-4-((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

2,6-bis(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

- 248 -

- 2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;



- 249 -

- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,5-bis(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperaziny)l)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperaziny)l)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-bis(methyloxy)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl((5-chloro-2-fluorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 250 -

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((6-((3-(4-methyl-1-piperazinyl)propyl)oxy)-3-pyridinyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((6-((3-(4-methyl-1-piperazinyl)propyl)oxy)-3-pyridinyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((6-((3-(4-methyl-1-piperazinyl)propyl)oxy)-3-pyridinyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-dichlorophenyl)methyl)carbamate;

2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-6-(2-propenyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 251 -

- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)carbamate;
- 2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 252 -

- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-chlorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-dichlorophenyl)methyl)carbamate;

- 253 -

- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-dichlorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl((2-chloro-5-(trifluoromethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-

- 254 -

piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((6-((3-(4-methyl-1-piperazinyl)propyl)oxy)-3-pyridinyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)propyl (3-(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-

- 255 -

pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)butyl (3-(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2,6-dimethylcyclohexyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 256 -

- 2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-dimethylphenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3,5-dimethylphenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 4-methyl-2-(methyloxy)phenyl(2-((3-((3-(1-



- 257 -

piperidiny)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;  
2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-

- 258 -

piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)carbamate;

2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-(4-(methyloxy)phenyl)ethyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(((2-

- 259 -

(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-pyrimidinyl((3,5-difluorophenyl)methyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-difluorophenyl)methyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;

2,6-dimethylphenyl 3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-

- 260 -

pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-chloro-5-(trifluoromethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2-chloro-5-(trifluoromethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl((5-chloro-2-methylphenyl)methyl)carbamate;

- 261 -

- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((5-chloro-2-methylphenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((5-chloro-2-methylphenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-(((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((2-(4-

- 262 -

methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;  
2,6-dimethylphenyl 3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl(2-((3-(3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;  
2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-difluorophenyl)methyl)carbamate;  
2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((2,5-difluorophenyl)methyl)carbamate;  
2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-

- 263 -

methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-bis(trifluoromethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

- 264 -

- (1S)-1-phenylethyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- (1S)-1-phenylethyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- (1S)-1-phenylethyl (3-(methyloxy)phenyl)methyl 2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- (1S)-1-phenylethyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- (1S)-1-phenylethyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- (1S)-1-phenylethyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- (1S)-1-phenylethyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2,6-dimethylcyclohexyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2,6-dimethylcyclohexyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2,6-dimethylcyclohexyl (3-(methyloxy)phenyl)methyl 2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylcyclohexyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2,6-dimethylcyclohexyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;



- 265 -

- 2,6-dimethylcyclohexyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2,6-dimethylcyclohexyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-(methylsulfanyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;

- 266 -

- 2,4,6-trimethylphenyl (2-phenyl-1,3-thiazol-4-yl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-fluoro-4-((3-(1-

- 267 -

piperidinyloxy)phenylamino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((3,4-bis(methoxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-chloro-3,6-difluorophenyl)methyl)carbamate;  
2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-fluoro-4-((1-methyl-3-piperidinyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-((1-piperidinyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl(2-((3-((1-piperidinyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((1-methyl-3-piperidinyloxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methoxyethyl)amino)-3-oxopropyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methoxyethyl)amino)-3-oxopropyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((1-methyl-3-piperidinyloxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-

- 268 -

- (methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-(diethylamino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(3-(3-(diethylamino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(((1-methylpropyl)amino)carbonyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(((1-methylpropyl)amino)carbonyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(((1-methylpropyl)amino)carbonyl)phenyl)carbamate;

- 269 -

- 2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-((1-methylpropyl)amino)carbonyl)phenyl)carbamate;
- 2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,4-difluorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-

- 270 -

pyrimidinyl((3,4-difluorophenyl)methyl)carbamate;

2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (6-fluoro-4H-1,3-benzodioxin-8-yl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (6-fluoro-4H-1,3-benzodioxin-8-yl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((6-fluoro-4H-1,3-benzodioxin-8-yl)methyl)carbamate;

2,4,6-trimethylphenyl (6-fluoro-4H-1,3-benzodioxin-8-yl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;

- 271 -

- 2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-

- 272 -

- oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;



- 273 -

- 4-fluoro-2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-((E)-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethenyl)-2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-((E)-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethenyl)-2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-((E)-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethenyl)-2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(4-((E)-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethenyl)-2-(methyloxy)phenyl)carbamate;

- 274 -

2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-pyrimidinyl(2,3-dihydro-1H-inden-1-yl)carbamate;

2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(((2-diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-

- 275 -

yrimidinyl(2,3-dihydro-1,4-benzodioxin-6-ylmethyl)carbamate;  
 2,4,6-trimethylphenyl 2,3-dihydro-1,4-benzodioxin-6-ylmethyl(2-((3-fluoro-4-((3-4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
 2,4,6-trimethylphenyl 2,3-dihydro-1,4-benzodioxin-6-ylmethyl(2-((3-fluoro-4-((3-1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-  
     iperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,3-dihydro-1,4-  
     enzodioxin-6-ylmethyl)carbamate;  
 2,4,6-trimethylphenyl 2,3-dihydro-1,4-benzodioxin-6-ylmethyl(2-((3-fluoro-4-(((1-ethyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
 2,4,6-trimethylphenyl 2,3-dihydro-1,4-benzodioxin-6-ylmethyl(2-((3-fluoro-4-((2-4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4- yrimidinyl)carbamate;  
 2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-  
     iperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((5-chloro-2-  
     luorophenyl)methyl)carbamate;  
 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-(4-methyl-1-  
     iperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((2-(4-ethyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-  
     (difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
     yrimidinyl)carbamate;  
 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-chloro-4-(4-(1-ethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-(4-methyl-1-  
     iperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-(((2-diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-  
     yrimidinyl)carbamate;  
 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-(((4-((3-(4-(1-ethyl-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-  
     yrimidinyl)carbamate;

- 276 -

- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((4-(3,4-dimethyl-1-  
iperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((3R,5S)-  
,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((4-(2-(4-methyl-1-  
iperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-  
iperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(5-methyl-1,2,4-  
xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-  
pyrimidinyl((3-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-  
iperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(5-methyl-1,2,4-  
xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-  
iperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(5-methyl-1,2,4-  
xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-  
pyrimidinyl((4-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (4-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl(2-((3-((3-1-  
iperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-trimethylphenyl 2-((4-(((2-  
diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-  
pyrimidinyl((4-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-  
iperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(5-methyl-1,2,4-  
xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-  
iperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(5-methyl-1,2,4-  
xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-  
pyrimidinyl((4-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl)carbamate;

- 277 -

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((6-fluoro-4H-1,3-enzodioxin-8-yl)methyl)carbamate;

1,1-dimethylethyl 2-(4-((5-(((2,6-dimethylphenyl)oxy)methyl)-2-((4-(1-piperazinyl)phenyl)amino)-4-pyrimidinyl)amino)phenyl)ethylcarbamate;

1,1-dimethylethyl 2-(4-((5-(((2,6-dimethylphenyl)oxy)methyl)-2-((3-(methyloxy)-4-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)amino)phenyl)ethylcarbamate;

2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-6-((1S)-1-phenylethyl)pyrimido[5',4':5,6]pyrimido[1,2-a]benzimidazol-5(6H)-one;

5-iodo-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-methyl-1-piperazinyl)phenyl)-2-pyrimidinamine;

5-(((2,6-dimethylphenyl)amino)methyl)-4-((2-(methyloxy)phenyl)oxy)-N-(3,4,5-tris(methyloxy)phenyl)-2-pyrimidinamine;

N-(2,6-dimethylphenyl)-2,4-bis(phenylamino)-5-pyrimidinecarboxamide

(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenylamino)-5-pyrimidinecarboxamide;

5-((E)-2-(2-chlorophenyl)ethenyl)-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-methyl-1-piperazinyl)phenyl)-2-pyrimidinamine;

methyl (2E)-3-(4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinyl)-2-propenoate;

5-((Z)-2-(2-chlorophenyl)-1-fluoroethenyl)-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-ethyl-1-piperazinyl)phenyl)-2-pyrimidinamine;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-phenylamino)-5-pyrimidinecarboxamide;

- 278 -

2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenylamino)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenylamino)-5-pyrimidinecarboxamide;

2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((2-(4-(phenylmethyl)-1-piperazinyl)ethyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(1-naphthalenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-

- 279 -

pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1H-imidazol-1-yl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((3-((aminocarbonyl)amino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((3-((aminocarbonyl)amino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1H-imidazol-1-yl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-

- 280 -

fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperaziny)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-(2-(methyloxy)ethyl)-1-piperaziny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)propyl)oxy)phenyl)amino)-4-((3-(4-morpholiny)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((3-(4-morpholiny)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperaziny)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(4-morpholiny)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperaziny)propyl)oxy)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-



- 281 -

piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((4-(diethylamino)butyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

- 282 -

2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-5-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-5-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-5-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

- 283 -

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-phenyl-4-pyrimidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(2-phenyl-4-pyrimidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(2-phenyl-4-pyrimidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-

- 284 -

dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-

- 285 -

(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-2-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-

- 286 -

pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidiny)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidiny)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

- 287 -

- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((3-(2-phenyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-phenyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-

- 288 -

pyrimidinecarboxamide;

2-((4-(diethylamino)butyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((2-hydroxypropyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-



- 289 -

piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinyl)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

- 290 -

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-

- 291 -

pyrimidinecarboxamide;

4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-

- 292 -

piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-

- 293 -

4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-6-((4-(4-methyl-1-piperazinyl)phenyl)amino)-3-pyridinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;  
2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-

- 294 -

pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((3-(acetylamino)phenyl)oxy)-2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-

- 295 -

methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperaziny)l)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((4-(4-(diethylamino)-4-oxobutyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-(4-(diethylamino)-4-oxobutyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-N-(2-pyridiny)methyl)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-N-(2-pyridiny)methyl)-5-pyrimidinecarboxamide;  
2-((3-chloro-4-(4-(1-methylethyl)-1-piperaziny)l)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperaziny)l)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-

- 296 -

((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-((1S)-1-phenylethyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-N-((1S)-1-phenylethyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(4-fluorophenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(4-fluorophenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2-fluorophenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2-fluorophenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;



- 297 -

- 4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-

- 298 -

yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(diethylamino)ethyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;  
2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-

- 299 -

dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-

- 300 -

- 4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-

- pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-

- 302 -

dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-

- 303 -

pyrimidinecarboxamide;

4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylimidazo[1,2-a]pyridin-8-yl)oxy)-2-((3-fluoro-4-

- 304 -

- ((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methoxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichloro-4-fluorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichloro-4-fluorophenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(4-fluoro-2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(4-fluoro-2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-



- 305 -

piperazinyl)propyl)oxy)phenyl)amino)-N-((5-methyl-3-isoxazolyl)methyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-((5-methyl-3-isoxazolyl)methyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 306 -

- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidinyloxy)phenylamino)-4-((4-(3-((1-methylethylamino)-3-oxopropyl)-2-(methyloxy)phenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenylamino)-4-((2-(methyloxy)-4-(3-((2-(methyloxy)ethylamino)-3-oxopropyl)phenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyloxy)phenylamino)-4-((2-(methyloxy)-4-(3-((2-(methyloxy)ethylamino)-3-oxopropyl)phenyloxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyloxy)phenylamino)-N-(2,6-dimethylphenyl)-4-((4-(3-((1-methylethylamino)-3-oxopropyl)-2-(methyloxy)phenyloxy)-5-pyrimidinecarboxamide;
- 4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyloxy)propyloxy)phenylamino)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyloxy)phenylamino)-4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyloxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyloxy)phenylamino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyloxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenylamino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenylamino)-4-((4-(3-((1-methylethylamino)-3-oxopropyl)-2-(methyloxy)phenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyloxy)propyloxy)phenylamino)-4-((4-(3-((1-methylethylamino)-3-oxopropyl)-2-(methyloxy)phenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-oxo-2-(1-

- 307 -

pyrrolidinyl)ethyl)oxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 308 -

4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-

- 309 -

pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-  
((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-  
oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-

pyrimidinecarboxamide;

2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-  
(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-  
N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;

2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-  
(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-  
trimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-2-  
((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trimethylphenyl)-  
5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((2-  
(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-  
N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;

2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-  
(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-  
trimethylphenyl)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-  
morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-  
N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-  
oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-  
piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-  
morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-  
piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-  
morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

- 310 -

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-(((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-(((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-2-(((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-

- 311 -

pyrimidinecarboxamide;

- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-(((4-(4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(((4-(4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(((2-

- 312 -

(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((4-((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-



- 313 -

((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperaziny)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperaziny)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;

- 314 -

2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;

4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;

2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;

2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide; and

2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide.

xxx

**Human mixed lymphocyte reaction (huMLR):**

The purpose of this assay is to test the potency of T cell activation inhibitors in an *in vitro* model of allogeneic T cell stimulation. Human peripheral blood lymphocytes (hPBL;  $2 \times 10^5$ /well) are incubated with mitomycin C-treated B lymphoblastoid cells (JY cell line;  $1 \times 10^5$ /well) as allogeneic stimulators in the presence or absence of dilutions of potential inhibitor compound in 96-well round-bottom tissue culture plates. These cultures are incubated at 37 °C in 5% CO<sub>2</sub> for 6 days total. The proliferative response of the hPBL is measured by <sup>3</sup>H-thymidine incorporation overnight between days 5 and 6 after initiation of culture. Cells are harvested onto glass fiber filters and <sup>3</sup>H-thymidine incorporation into DNA is analyzed by liquid scintillation counter.

**Jurkat proliferation/survival assay:**

- 315 -

The purpose of this assay is to test the general anti-proliferative/cytotoxic effect of compounds on the Jurkat human T cell line. Jurkat cells ( $1 \times 10^5$ /well) are plated in 96-well flat-bottom tissue culture plates with or without compound dilutions and cultured for 72 h at 37 °C in 5% CO<sub>2</sub>. Viable cell number is determined during the last 4 h of culture by adding 10 µL/well WST-1 dye. WST-1 dye conversion relies on active mitochondrial electron transport for reduction of the tetrazolium dye. The dye conversion is read by OD at 450-600 nm.

**Anti-CD3/CD28-induced T cell IL-2 secretion and proliferation assay:**

The purpose of this assay is to test the potency of T cell receptor (TCR; CD3) and CD28 signaling pathway inhibitors in human T cells. T cells are purified from human peripheral blood lymphocytes (hPBL) and pre-incubated with or without compound prior to stimulation with a combination of an anti-CD3 and an anti-CD28 antibody in 96-well tissue culture plates ( $1 \times 10^5$  T cells/well). Cells are cultured for ~20 h at 37 °C in 5% CO<sub>2</sub>, then secreted IL-2 in the supernatants is quantified by cytokine ELISA (Pierce/Endogen). The cells remaining in the wells are then pulsed with <sup>3</sup>H-thymidine overnight to assess the T cell proliferative response. Cells are harvested onto glass fiber filters and <sup>3</sup>H-thymidine incorporation into DNA is analyzed by liquid scintillation counter. For comparison purposes, phorbol myristic acid (PMA) and calcium ionophore can be used in combination to induce IL-2 secretion from purified T cells. Potential inhibitor compounds can be tested for inhibition of this response as described above for anti-CD3 and -CD28 antibodies.

While the compounds of the invention can be administered as the sole active pharmaceutical agent, they can also be used in combination with one or more compounds of the invention or other agents. When administered as a combination, the therapeutic agents can be formulated as separate compositions that are given at the same time or different times, or the therapeutic agents can be given as a single composition.

The foregoing is merely illustrative of the invention and is not intended to limit the invention to the disclosed compounds. Variations and changes which are obvious to one skilled in the art are intended to be within the scope and nature of the invention which are defined in the appended claims.

- 316 -

From the foregoing description, one skilled in the art can easily ascertain the essential characteristics of this invention, and without departing from the spirit and scope thereof, can make various changes and modifications of the invention to adapt it to various usages and conditions.

For the treatment of Lck-mediated diseases and other diseases listed above, the compounds of the present invention may be administered orally, parentally, by inhalation spray, rectally, or topically in dosage unit formulations containing conventional pharmaceutically acceptable carriers, adjuvants, and vehicles. The term parenteral as used herein includes, subcutaneous, intravenous, intramuscular, intrasternal, infusion techniques or intraperitoneally.

Treatment of diseases and disorders herein is intended to also include the prophylactic administration of a compound of the invention, a pharmaceutical salt thereof, or a pharmaceutical composition of either to a subject (*i.e.*, an animal, preferably a mammal, most preferably a human) believed to be in need of preventative treatment, such as, for example, pain, inflammation and the like.

While it may be possible to administer a compound of the invention alone, in the methods described, the compound administered normally will be present as an active ingredient in a pharmaceutical composition. Thus, in another embodiment of the invention, there is provided a pharmaceutical composition comprising a compound of this invention in combination with a pharmaceutically acceptable carrier, which includes diluents, excipients and the like as described herein. A pharmaceutical composition of the invention may comprise an effective amount of a compound of the invention or an effective dosage amount of a compound of the invention. An effective dosage amount of a compound of the invention includes an amount less than, equal to or greater than an effective amount of the compound; for example, a pharmaceutical composition in which two or more unit dosages, such as in tablets, capsules and the like, are required to administer an effective amount of the compound, or alternatively, a multidose pharmaceutical composition, such as powders, liquids and the like, in which an effective amount of the compound is administered by administering a portion of the composition.

The dosage regimen for treating Lck-mediated diseases and other diseases listed above with the compounds of this invention and/or compositions of this

- 317 -

invention is based on a variety of factors, including the type of disease, the age, weight, sex, medical condition of the patient, the severity of the condition, the route of administration, and the particular compound employed. Thus, the dosage regimen may vary widely, but can be determined routinely using standard methods. Dosage levels of the order from about 0.01 mg to 30 mg per kilogram of body weight per day, preferably from about 0.1 mg to 10 mg/kg, more preferably from about 0.25 mg to 1 mg/kg are useful for all methods of use disclosed herein.

The pharmaceutically active compounds of this invention can be processed in accordance with conventional methods of pharmacy to produce medicinal agents for administration to patients, including humans and other mammals.

For oral administration, the pharmaceutical composition may be in the form of, for example, a capsule, a tablet, a suspension, or liquid. The pharmaceutical composition is preferably made in the form of a dosage unit containing a given amount of the active ingredient. For example, these may contain an amount of active ingredient from about 1 to 2000 mg, preferably from about 1 to 500 mg, more preferably from about 5 to 150 mg. A suitable daily dose for a human or other mammal may vary widely depending on the condition of the patient and other factors, but, once again, can be determined using routine methods.

The active ingredient may also be administered by injection as a composition with suitable carriers including saline, dextrose, or water. The daily parenteral dosage regimen will be from about 0.1 to about 30 mg/kg of total body weight, preferably from about 0.1 to about 10 mg/kg, and more preferably from about 0.25 mg to 1 mg/kg.

Injectable preparations, such as sterile injectable aqueous or oleaginous suspensions, may be formulated according to the known art using suitable dispersing or wetting agents and suspending agents. The sterile injectable preparation may also be a sterile injectable solution or suspension in a non-toxic parenterally acceptable diluent or solvent, for example as a solution in 1,3-butanediol. Among the acceptable vehicles and solvents that may be employed are water, Ringer's solution, and isotonic sodium chloride solution. In addition, sterile, fixed oils are conventionally employed as a solvent or suspending medium. For this purpose any bland fixed oil may be employed, including synthetic mono- or

- 318 -

diglycerides. In addition, fatty acids such as oleic acid find use in the preparation of injectables.

Suppositories for rectal administration of the drug can be prepared by mixing the drug with a suitable non-irritating excipient such as cocoa butter and polyethylene glycols that are solid at ordinary temperatures but liquid at the rectal temperature and will therefore melt in the rectum and release the drug.

A suitable topical dose of active ingredient of a compound of the invention is 0.1 mg to 150 mg administered one to four, preferably one or two times daily. For topical administration, the active ingredient may comprise from 0.001% to 10% w/w, *e.g.*, from 1% to 2% by weight of the formulation, although it may comprise as much as 10% w/w, but preferably not more than 5% w/w, and more preferably from 0.1% to 1% of the formulation.

Formulations suitable for topical administration include liquid or semi-liquid preparations suitable for penetration through the skin (*e.g.*, liniments, lotions, ointments, creams, or pastes) and drops suitable for administration to the eye, ear, or nose.

For administration, the compounds of this invention are ordinarily combined with one or more adjuvants appropriate for the indicated route of administration. The compounds may be admixed with lactose, sucrose, starch powder, cellulose esters of alkanolic acids, stearic acid, talc, magnesium stearate, magnesium oxide, sodium and calcium salts of phosphoric and sulphuric acids, acacia, gelatin, sodium alginate, polyvinyl-pyrrolidone, and/or polyvinyl alcohol, and tableted or encapsulated for conventional administration. Alternatively, the compounds of this invention may be dissolved in saline, water, polyethylene glycol, propylene glycol, ethanol, corn oil, peanut oil, cottonseed oil, sesame oil, tragacanth gum, and/or various buffers. Other adjuvants and modes of administration are well known in the pharmaceutical art. The carrier or diluent may include time delay material, such as glyceryl monostearate or glyceryl distearate alone or with a wax, or other materials well known in the art.

The pharmaceutical compositions may be made up in a solid form (including granules, powders or suppositories) or in a liquid form (*e.g.*, solutions, suspensions, or emulsions). The pharmaceutical compositions may be subjected to conventional

- 319 -

pharmaceutical operations such as sterilization and/or may contain conventional adjuvants, such as preservatives, stabilizers, wetting agents, emulsifiers, buffers etc.

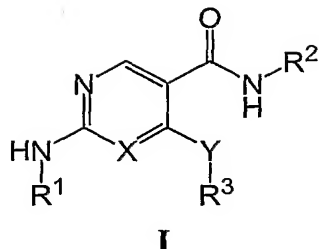
Solid dosage forms for oral administration may include capsules, tablets, pills, powders, and granules. In such solid dosage forms, the active compound may be admixed with at least one inert diluent such as sucrose, lactose, or starch. Such dosage forms may also comprise, as in normal practice, additional substances other than inert diluents, *e.g.*, lubricating agents such as magnesium stearate. In the case of capsules, tablets, and pills, the dosage forms may also comprise buffering agents. Tablets and pills can additionally be prepared with enteric coatings.

Liquid dosage forms for oral administration may include pharmaceutically acceptable emulsions, solutions, suspensions, syrups, and elixirs containing inert diluents commonly used in the art, such as water. Such compositions may also comprise adjuvants, such as wetting, sweetening, flavoring, and perfuming agents.

- 320 -

WHAT IS CLAIMED IS:

## 1. A compound of Formula I



or a pharmaceutically-acceptable salt thereof, wherein

X is N or CH;

Y is NH, O or S;

R<sup>1</sup> is selected from -R<sup>11</sup>, -R<sup>11</sup>-R<sup>12</sup>, -R<sup>11</sup>-R<sup>14</sup>, -R<sup>12</sup>-R<sup>14</sup>, -R<sup>11</sup>-R<sup>12</sup>-R<sup>14</sup>, -R<sup>11</sup>-R<sup>13</sup>-R<sup>14</sup>, -R<sup>12</sup>-R<sup>13</sup>-R<sup>14</sup>, -R<sup>11</sup>-R<sup>13</sup>-R<sup>12</sup>-R<sup>14</sup> and -R<sup>11</sup>-R<sup>12</sup>-R<sup>13</sup>-R<sup>14</sup>, any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from R<sup>c</sup>;

R<sup>2</sup> is selected from -R<sup>21</sup>, -R<sup>21</sup>-R<sup>22</sup>, -R<sup>21</sup>-R<sup>24</sup>, -R<sup>22</sup>-R<sup>24</sup>, -R<sup>21</sup>-R<sup>22</sup>-R<sup>24</sup>, -R<sup>21</sup>-R<sup>23</sup>-R<sup>24</sup>, -R<sup>22</sup>-R<sup>23</sup>-R<sup>24</sup>, -R<sup>21</sup>-R<sup>23</sup>-R<sup>22</sup>-R<sup>24</sup> and -R<sup>21</sup>-R<sup>22</sup>-R<sup>23</sup>-R<sup>24</sup>, any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from R<sup>c</sup>;

R<sup>3</sup> is selected from -R<sup>31</sup>, -R<sup>31</sup>-R<sup>32</sup>, -R<sup>31</sup>-R<sup>34</sup>, -R<sup>32</sup>-R<sup>34</sup>, -R<sup>31</sup>-R<sup>32</sup>-R<sup>34</sup>, -R<sup>31</sup>-R<sup>33</sup>-R<sup>34</sup>, -R<sup>32</sup>-R<sup>33</sup>-R<sup>34</sup>, -R<sup>31</sup>-R<sup>33</sup>-R<sup>32</sup>-R<sup>34</sup> and -R<sup>31</sup>-R<sup>32</sup>-R<sup>33</sup>-R<sup>34</sup>, any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from R<sup>c</sup>;

R<sup>11</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>12</sup> is independently at each instance C<sub>1-8</sub>alkyl;

R<sup>13</sup> is independently at each instance -C(=O)-, -C(=O)O-, -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-;



- 321 -

R<sup>14</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>21</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>22</sup> is independently at each instance C<sub>1-8</sub>alkyl;

R<sup>23</sup> is independently at each instance -C(=O)-, -C(=O)O-, -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-;

R<sup>24</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>31</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>32</sup> is independently at each instance C<sub>1-8</sub>alkyl;

R<sup>33</sup> is independently at each instance -C(=O)-, -C(=O)O-, -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC(=O)-, -OC(=O)NR<sup>a</sup>-, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-,

- 322 -

-N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)O-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-,  
 -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-;

R<sup>34</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>a</sup> is independently at each instance H or R<sup>b</sup>;

R<sup>b</sup> is independently at each instance C<sub>1-8</sub>alkyl, phenyl or benzyl; and

R<sup>c</sup> is independently at each instance C<sub>1-8</sub>alkyl, C<sub>1-4</sub>haloalkyl, halo, cyano, nitro, -C(=O)R<sup>b</sup>, -C(=O)OR<sup>b</sup>, -C(=O)NR<sup>a</sup>R<sup>a</sup>, -C(=NR<sup>a</sup>)NR<sup>a</sup>R<sup>a</sup>, -OR<sup>a</sup>, -OC(=O)R<sup>b</sup>, -OC(=O)NR<sup>a</sup>R<sup>a</sup>, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>R<sup>b</sup>, -OC<sub>2-6</sub>alkylNR<sup>a</sup>R<sup>a</sup>, -OC<sub>2-6</sub>alkylOR<sup>a</sup>, -SR<sup>a</sup>, -S(=O)R<sup>b</sup>, -S(=O)<sub>2</sub>R<sup>b</sup>, -S(=O)<sub>2</sub>NR<sup>a</sup>R<sup>a</sup>, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)OR<sup>b</sup>, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>R<sup>a</sup>, -NR<sup>a</sup>R<sup>a</sup>, -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)C(=O)OR<sup>b</sup>, -N(R<sup>a</sup>)C(=O)NR<sup>a</sup>R<sup>a</sup>, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)NR<sup>a</sup>R<sup>a</sup>, -N(R<sup>a</sup>)S(=O)<sub>2</sub>R<sup>b</sup>, -N(R<sup>a</sup>)S(=O)<sub>2</sub>NR<sup>a</sup>R<sup>a</sup>, -NR<sup>a</sup>C<sub>2-6</sub>alkylNR<sup>a</sup>R<sup>a</sup> or -NR<sup>a</sup>C<sub>2-6</sub>alkylOR<sup>a</sup>.

2. A compound according to Claim 1 wherein X is N.

3. A compound according to Claim 1 wherein Y is O.

4. A compound according to Claim 1 wherein R<sup>11</sup> is phenyl substituted by 0, 1, 2, 3 or 4 substituents independently selected from R<sup>c</sup>.

5. A compound according to Claim 1 wherein R<sup>21</sup> is phenyl substituted by 0, 1, 2, 3 or 4 substituents independently selected from R<sup>c</sup>.

6. A compound according to Claim 1 wherein R<sup>31</sup> is phenyl substituted by 0, 1, 2, 3 or 4 substituents independently selected from R<sup>c</sup>.

7. A compound according to Claim 1 wherein R<sup>13</sup> is independently at each instance -C(=O)NR<sup>a</sup>-, -O-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)<sub>2</sub>NR<sup>a</sup>-,

- 323 -

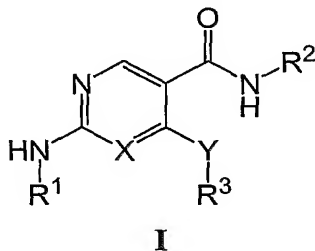
$-N(R^a)-$ ,  $-N(R^a)C(=O)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ ; and

$R^{14}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S.

8. A compound according to Claim 1 wherein  $R^{33}$  is independently at each instance  $-C(=O)-$ ,  $-C(=O)NR^a-$ ,  $-O-$ ,  $-OC_{2-6}alkylNR^a-$ ,  $-OC_{2-6}alkylO-$ ,  $-S-$ ,  $-S(=O)_2NR^a-$ ,  $-N(R^a)-$ ,  $-N(R^a)C(=O)-$ ,  $-N(R^a)S(=O)_2-$ ,  $-N(R^a)S(=O)_2N(R^a)-$ ,  $-NR^aC_{2-6}alkylN(R^a)-$  or  $-NR^aC_{2-6}alkylO-$ ; and

$R^{34}$  is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring or 6-, 7-, 8-, 9-, 10- containing 0, 1, 2, 3 or 4 atoms selected from N, O and S.

9. A compound according to Claim 1, of Formula I



or a pharmaceutically-acceptable salt thereof, wherein

X is N;

Y is O;

$R^1$  is selected from  $-R^{11}$ ,  $-R^{11}-R^{12}$ ,  $-R^{11}-R^{14}$ ,  $-R^{12}-R^{14}$ ,  $-R^{11}-R^{12}-R^{14}$ ,  $-R^{11}-R^{13}-R^{14}$ ,  $-R^{12}-R^{13}-R^{14}$ ,  $-R^{11}-R^{13}-R^{12}-R^{14}$  and  $-R^{11}-R^{12}-R^{13}-R^{14}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ ;

$R^2$  is selected from  $-R^{21}$  substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ ;

$R^3$  is selected from  $-R^{31}$ ,  $-R^{31}-R^{32}$ ,  $-R^{31}-R^{34}$ ,  $-R^{32}-R^{34}$ ,  $-R^{31}-R^{32}-R^{34}$ ,  $-R^{31}-R^{33}-R^{34}$ ,  $-R^{32}-R^{33}-R^{34}$ ,  $-R^{31}-R^{33}-R^{32}-R^{34}$  and  $-R^{31}-R^{32}-R^{33}-R^{34}$ , any of which is substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ ;

- 324 -

R<sup>11</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S;

R<sup>12</sup> is independently at each instance C<sub>1-8</sub>alkyl;

R<sup>13</sup> is independently at each instance -C(=O)-, -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-, -N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-;

R<sup>14</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S, so long as the combination of O and S atoms is not greater than 2, wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R<sup>21</sup> is phenyl;

R<sup>31</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S;

R<sup>32</sup> is independently at each instance C<sub>1-8</sub>alkyl;

R<sup>33</sup> is independently at each instance -C(=O)-, -C(=O)NR<sup>a</sup>-, -C(=NR<sup>a</sup>)NR<sup>a</sup>-, -O-, -OC<sub>2-6</sub>alkylNR<sup>a</sup>-, -OC<sub>2-6</sub>alkylO-, -S-, -S(=O)-, -S(=O)<sub>2</sub>-, -S(=O)<sub>2</sub>NR<sup>a</sup>-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)O-, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>-, -N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=O)-, -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)C(=NR<sup>a</sup>)N(R<sup>a</sup>)-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>-, -N(R<sup>a</sup>)S(=O)<sub>2</sub>N(R<sup>a</sup>)-, -NR<sup>a</sup>C<sub>2-6</sub>alkylN(R<sup>a</sup>)- or -NR<sup>a</sup>C<sub>2-6</sub>alkylO-;

R<sup>34</sup> is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic ring containing 0, 1, 2, 3 or 4 atoms selected from N, O and S;

R<sup>a</sup> is independently at each instance H or R<sup>b</sup>;

R<sup>b</sup> is independently at each instance C<sub>1-8</sub>alkyl, phenyl or benzyl; and

R<sup>c</sup> is independently at each instance C<sub>1-8</sub>alkyl, C<sub>1-4</sub>haloalkyl, halo, cyano, nitro, -C(=O)R<sup>b</sup>, -C(=O)OR<sup>b</sup>, -C(=O)NR<sup>a</sup>R<sup>a</sup>, -C(=NR<sup>a</sup>)NR<sup>a</sup>R<sup>a</sup>, -OR<sup>a</sup>, -OC(=O)R<sup>b</sup>, -OC(=O)NR<sup>a</sup>R<sup>a</sup>, -OC(=O)N(R<sup>a</sup>)S(=O)<sub>2</sub>R<sup>b</sup>, -OC<sub>2-6</sub>alkylNR<sup>a</sup>R<sup>a</sup>, -OC<sub>2-6</sub>alkylOR<sup>a</sup>, -SR<sup>a</sup>, -S(=O)R<sup>b</sup>, -S(=O)<sub>2</sub>R<sup>b</sup>, -S(=O)<sub>2</sub>NR<sup>a</sup>R<sup>a</sup>, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)OR<sup>b</sup>, -S(=O)<sub>2</sub>N(R<sup>a</sup>)C(=O)NR<sup>a</sup>R<sup>a</sup>, -NR<sup>a</sup>R<sup>a</sup>, -N(R<sup>a</sup>)C(=O)R<sup>b</sup>,

- 325 -

$-N(R^a)C(=O)OR^b$ ,  $-N(R^a)C(=O)NR^aR^a$ ,  $-N(R^a)C(=NR^a)NR^aR^a$ ,  $-N(R^a)S(=O)_2R^b$ ,  
 $-N(R^a)S(=O)_2NR^aR^a$ ,  $-NR^aC_{2-6}alkylNR^aR^a$  or  $-NR^aC_{2-6}alkylOR^a$ .

10. A compound according to Claim 9, wherein

$R^{11}$  is phenyl substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ ; and

$R^{31}$  is phenyl substituted by 0, 1, 2, 3 or 4 substituents independently selected from  $R^c$ .

11. A compound according to Claim 1, wherein the compound is selected from:

1,1-dimethylethyl 4-(4-((5-(((2,6-dimethylphenyl)amino)carbonyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)oxy)phenyl)-1-piperazinecarboxylate;

2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-(((2-(dimethylamino)ethyl)amino)sulfonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-(((2-(dimethylamino)ethyl)amino)sulfonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

- 326 -

- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-

- 327 -

- N-(2,6-dimethylphenyl)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidine carboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dichlorophenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidine

- 328 -

carboxamide;

2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-chloro-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-((3-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)propyl)oxy)-3-fluorophenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-((3-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)propyl)oxy)-3-fluorophenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-((3-(diethylamino)propyl)oxy)-3-fluorophenyl)amino)-N-(2,6-dimethylphenyl)-4-(phenyloxy)-5-pyrimidinecarboxamide;

2-((4-(1-(3-(dimethylamino)propyl)-4-piperidinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(1-(3-(dimethylamino)propyl)-4-piperidinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(2-(diethylamino)ethyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(2-(diethylamino)ethyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;



- 329 -

2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidine carboxamide;

2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;

2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidine carboxamide;

2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(2-amino-2-oxoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;

2-((4-(4-(2-amino-2-oxoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(2-aminoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(2-aminoethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidine carboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidine carboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-

- 330 -

dimethylphenyl)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-(1,3-benzothiazol-6-ylamino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-(1,3-benzothiazol-6-ylamino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2,6-dichloro-N-(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinyl)benzamide;

2,6-dichloro-N-(4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinyl)benzamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((cyclopropylmethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)

- 331 -

phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)-4-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-((dimethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-

- 332 -

piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-(cyclopentyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-methylethyl)-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-morpholinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,3-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperaziny)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-

- 333 -

1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)methyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-

- 334 -

pyrimidinecarboxamide;

4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(trifluoromethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-fluorophenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-fluorophenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-fluorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-methylphenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-

- 335 -

methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-methylphenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-(2-aminoethyl)phenyl)oxy)-N-(2,6-dichlorophenyl)-2-(phenylamino)-5-pyrimidinecarboxamide;  
4-((3-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-(phenylamino)-5-pyrimidinecarboxamide;

- 336 -

- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-amino-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3,3'-bis(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-



- 337 -

tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3,4'-bis(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3,4'-bis(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3,4-dichlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3'-chloro-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-

- 338 -

- piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3'-cyano-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((2-(diethylamino)ethyl)oxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-

- 339 -

- 2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(1,3-benzodioxol-5-yl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(1,3-benzodioxol-5-yl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-aminoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidine

- 340 -

carboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)-2,6-bis(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-aminoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

- 341 -

- 4-((4-(3-(diethylamino)propyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)propyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(aminocarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4'-(dimethylamino)-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

- 342 -

- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-chlorophenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-chlorophenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-bromo-2-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-

- 343 -

(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-chloro-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4'-chloro-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4'-chloro-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-chlorophenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)

- 344 -

phenyl)amino)-5-pyrimidinecarboxamide;

4-((5-((1E)-3-(diethylamino)-3-oxo-1-propenyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((5-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-(1,3-benzodioxol-5-yloxy)-2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-(1,3-benzodioxol-5-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-(1,3-benzodioxol-5-yloxy)-N-(2,6-dimethylphenyl)-2-((4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-(1,3-benzodioxol-5-yloxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)



- 345 -

oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)

- 346 -

phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-  
naphthalenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-((3-(diethylamino)propyl)oxy)-3-fluorophenyl)  
amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-  
((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-  
((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-  
(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-  
((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-  
naphthalenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
(phenyloxy)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-  
piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-  
piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-((3-(4-  
methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dichlorophenyl)-4-((2-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)

- 347 -

- phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dichlorophenyl)-4-((4-(1-piperazinyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(((4-methyl-1-piperazinyl)acetyl)amino)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

- 348 -

N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(1-piperidinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(1-pyrrolidinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-morpholinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)

- 349 -

amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarbox  
amide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)  
amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-pyrrolidinyl)propyl)oxy)phenyl)  
amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-(2-(methyloxy)ethyl)-1-piperazinyl)  
propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-  
pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)  
phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)  
phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)

- 350 -

phenyl)amino)-4-((4-fluorophenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidine carboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)methyl)oxy)-5-pyrimidinecarbox amide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarbox amide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarbox amide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarbox amide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenylamino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarbox amide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidine carboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-pyridinyl)phenyl)oxy)-5-pyrimidine carboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-thienyl)phenyl)oxy)-5-pyrimidine carboxamide;

- 351 -

- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-indol-5-yl)-2-(methoxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methoxy)-4'-(trifluoromethyl)-1,1'-biphenyl-4-yl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methoxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(methoxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-fluorophenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-morpholinyl)propyl)oxy)phenyl)amino)-4-((2-(methoxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

- 352 -

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-piperidinylmethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((4-(1H-imidazol-1-yl)butyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((octahydro-2H-quinolizin-1-ylmethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-fluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(5-isoxazolyl)phenyl)oxy)-5-pyrimidinecarboxamide;



- 353 -

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-fluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-fluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-((2-((1-methylethyl)amino)ethyl)oxy)-3-(methyloxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(1-(1-methylethyl)-4-piperidinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

- 354 -

N-(2,6-dimethylphenyl)-2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

- 355 -

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(2-(ethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(2-(ethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(2-(methyloxy)ethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(1-piperazinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(phenylsulfanyl)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(propyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(trifluoromethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(1H-1,2,4-triazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((pentafluorophenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

- 356 -

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((4-(phenyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-oxo-1-pyrrolidiny)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(2-naphthalenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((1-methylethyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(5-isoxazolyl)phenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(5-isoxazolyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(((4-methyl-1-piperazinyl)acetyl)amino)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-(methyloxy)-4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)

- 357 -

phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(4-morpholinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-pyrrolidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((4-(1H-imidazol-1-yl)butyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-(2-(methyloxy)ethyl)-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((octahydro-2H-quinolizin-1-ylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(1-pyrrolidinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-(((1-methyl-3-

- 358 -

piperidinyl)methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-morpholinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((2-(1-piperidinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-((2-((1-methylethyl)amino)ethyl)oxy)-3-(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(1-(1-methylethyl)-4-piperidinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(1-methyl-4-piperidinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(4-(2-(methyloxy)ethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((6-(4-methyl-1-piperazinyl)-3-pyridinyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((6-(4-morpholinyl)-3-pyridinyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 359 -

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-propenyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-pyridinyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-thienyl)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)-2-oxoethyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((3-(methyloxy)-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-2-((4-(1-methyl-4-piperidinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((3-fluoro-4-(4-methyl-1-

- 360 -

piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-ethylphenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-methyl-1,3-benzothiazol-5-yl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2'-methyl-3-(methyloxy)-1,1'-biphenyl-4-yl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((3-(methyloxy)-4'-(trifluoromethyl)-1,1'-biphenyl-4-yl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((3-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((4-((phenylmethyl)oxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((4-(1H-indol-5-yl)-2-(methyloxy)phenyl)oxy)-2-((3,4,5-



- 361 -

tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((4-(methyloxy)phenyl)oxy)-2-((4-(1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((4-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((4-(phenyloxy)phenyl)oxy)-2-((3,4,5-tris(methyloxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((4-(((2R)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((4-fluorophenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
2,4,6-trimethylphenyl 2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(3-pyridinyl)ethyl)carbamate;  
2,6-dimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-morpholinyl)ethyl)carbamate;  
2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-dimethylphenyl)carbamate;  
2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 362 -

- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((2-(dimethylamino)ethyl)amino)sulfonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-((2-(diethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-chloro-4-((2-((1-methylethyl)amino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-dimethylphenyl)carbamate;
- 2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3,5-difluoro-4-((2-(1-piperidinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(2-(methyloxy)phenyl)ethyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(3-phenylpropyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-morpholinyl)ethyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-((trifluoromethyl)oxy)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-((trifluoromethyl)oxy)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-(methyloxy)-4-((2-(4-methyl-1-

- 363 -

piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2-  
((trifluoromethyl)oxy)phenyl)methyl)carbamate;  
2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-  
piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-  
((trifluoromethyl)oxy)phenyl)methyl)carbamate;  
2,6-dimethylphenyl 2-((4-(4-amino-1-piperidinyl)phenyl)amino)-4-pyrimidinyl(2,4-  
bis(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((2-(4-methyl-1-  
piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-  
(ethyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((4-((2-(dimethylamino)ethyl)oxy)phenyl)amino)-4-  
pyrimidinyl(4-fluoro-2-((1-methylethyl)oxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-  
piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-  
(ethyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-  
piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-fluoro-2-((1-  
methylethyl)oxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-(ethyloxy)phenyl(2-((4-(4-methyl-1-  
piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 4-fluoro-2-((1-methylethyl)oxy)phenyl(2-((4-(4-methyl-1-  
piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(methyloxy)-4-((3-(4-  
methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-dimethylphenyl)methyl(2-((4-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2,5-dimethylphenyl)methyl(2-((3-(methyloxy)-4-((3-(4-  
methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 364 -

- 2,4,6-trimethylphenyl (2,5-dimethylphenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-(ethyloxy)phenyl(2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3-aminophenyl)amino)-4-pyrimidinyl(1,1'-biphenyl-3-yl)carbamate;
- 2,6-dimethylphenyl 2-((3-aminophenyl)amino)-4-pyrimidinyl(2-(ethyloxy)phenyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(4-fluoro-2-((1-methylethyl)oxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-fluoro-2-((1-methylethyl)oxy)phenyl)carbamate;
- 2,6-dimethylphenyl 4-fluoro-2-((1-methylethyl)oxy)phenyl(2-((3-(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 4-fluoro-2-((1-methylethyl)oxy)phenyl(2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(aminocarbonyl)phenyl)amino)-4-pyrimidinyl(1,1'-biphenyl-3-yl)carbamate;
- 2-chlorophenyl 2,4-bis(methyloxy)phenyl(2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-chlorophenyl 2,4-bis(methyloxy)phenyl(2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-ethyl-4-(methyloxy)phenyl(2-((4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-(1,3-oxazol-5-yl)phenyl(2-((4-((3-(1-

- 365 -

piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((4-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((4-(((2(dimethylamino)ethyl)amino)carbonyl)phenyl);  
amino)-4-pyrimidinyl(2-(methyloxy)phenyl)carbamate;  
2,4,6-trimethylphenyl 2-((4-(((2-  
(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-  
(methyloxy)phenyl)carbamate;  
2,4,6-trimethylphenyl 2-((2-(aminomethyl)phenyl)amino)-4-pyrimidinyl(2-  
(methyloxy)phenyl)carbamate;  
2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-(methyloxy)-4-((3-  
(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-  
pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-  
(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-  
pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-  
((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(4-methyl-1-  
piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-  
methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(4-methyl-1-  
piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(4-(1-methylethyl)-1-  
piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((difluoromethyl)oxy)-  
4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

- 366 -

- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-aminophenyl)amino)-4-pyrimidinyl(2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-

- 367 -

piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(2-(3,4-dimethyl-1-piperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((2-(aminomethyl)phenyl)amino)-4-pyrimidinyl(1,1'-

- 368 -

biphenyl-3-yl)carbamate;  
2,4,6-trimethylphenyl 2-((3-(acetamino)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)phenyl)carbamate;  
4-chloro-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
4-chloro-2-(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;  
4-chloro-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-



- 369 -

piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-6-(2-propenyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-6-(2-propenyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(methyloxy)-4-(((2S)-2-pyrrolidinylmethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-bis(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-bis(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-bis(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-bis(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

- 370 -

- 2,6-difluorophenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;
- 2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 4-chloro-2-(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,5-bis(methyloxy)phenyl)methylcarbamate;
- 4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-

- 371 -

((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

4-chloro-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-chlorophenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-chlorophenyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

- 372 -

- 2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-

- 373 -

piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2-((methyloxy)methyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 374 -

- 2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-((methyloxy)methyl)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((3-(((2-

- 375 -

- (diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)amino)carbonyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-chlorophenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-chlorophenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-chlorophenyl(2-((4-(((2-

- 376 -

- (diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-chlorophenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-chlorophenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-chlorophenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((4-(diethylamino)butyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((6-(dimethylamino)hexyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;



- 377 -

- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(((3-(diethylamino)propyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(((2-(diethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl cyclohexyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((6-(dimethylamino)hexyl)amino)carbonyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylcyclohexyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;
- 2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-

- 378 -

(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylcyclohexyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)propyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-

- 379 -

piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2-methyl-1-(1-methylethyl)butyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
(1S)-1-phenylethyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;  
(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
(1S)-1-phenylethyl 2,4-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-

- 380 -

piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,3-bis(methyloxy)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-((3-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)propyl)oxy)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(((2-

- 381 -

(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;

methyl 2-((((2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)((2,5-bis(methyloxy)phenyl)methyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,5-bis(methyloxy)phenyl)methyl)(2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,5-bis(methyloxy)phenyl)methyl)(2-((3-fluoro-4-((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2,5-bis(methyloxy)phenyl)methyl)(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;

methyl 2-((((2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)(2,4-

- 382 -

bis(methyloxy)phenyl)amino)carbonyl)oxy)benzoate;  
methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;  
methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;  
methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;  
methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;  
methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;  
methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;  
methyl 2-((((2,4-bis(methyloxy)phenyl)(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)amino)carbonyl)oxy)benzoate;  
2,6-bis(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;  
2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-difluorophenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-

- 383 -

- piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 5-methyl-2-(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,5-bis(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 384 -

- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2,5-bis(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-bis(methyloxy)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((5-chloro-2-fluorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((6-((3-(4-methyl-1-piperazinyl)propyl)oxy)-3-pyridinyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((6-((3-(4-methyl-1-piperazinyl)propyl)oxy)-3-pyridinyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((6-((3-(4-methyl-1-piperazinyl)propyl)oxy)-3-pyridinyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-



- 385 -

- piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-dichlorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-

- 386 -

pyrimidinyl)carbamate;

2-methyl-6-(2-propenyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)carbamate;

2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-chlorophenyl)methyl)carbamate;

2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 387 -

- 2-(methylsulfanyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl 2,4-bis(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-(methylsulfanyl)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-(((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-dichlorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-(((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-dichlorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl((2-chloro-5-

- 388 -

(trifluoromethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl (2,3-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;

2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

5-methyl-2-(methyloxy)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,4-bis(methyloxy)phenyl)carbamate;

5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

5-methyl-2-(methyloxy)phenyl 2,4-bis(methyloxy)phenyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-

- 389 -

- pyrimidinyl)carbamate;
- 2,6-bis(methyloxy)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-difluorophenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2,5-dichlorophenyl)methyl(2-((6-((3-(4-methyl-1-piperazinyl)propyl)oxy)-3-pyridinyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl (3-(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)propyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)butyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-

- 390 -

- piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)butyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)butyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)butyl (3-(methyloxy)phenyl)methyl(2-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2-methyl-1-(1-methylethyl)butyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)butyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2-methyl-1-(1-methylethyl)butyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2,6-dimethylcyclohexyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dichlorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-dimethylphenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-fluoro-4-((3-(1-

- 391 -

piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((4-(((2-  
(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-  
pyrimidinyl((3,5-dimethylphenyl)methyl)carbamate;  
2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-fluoro-4-((2-(4-(1-  
methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-  
pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (3,5-dimethylphenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-  
piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl cyclohexyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-  
4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((3-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-  
piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-methyl-2-  
(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-  
piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-methyl-2-  
(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-  
pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 4-methyl-2-(methyloxy)phenyl(2-((3-((3-(1-  
piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((4-(((2-  
(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-  
pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-  
piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(4-methyl-2-  
(methyloxy)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-

- 392 -

- piperidinyl)methyloxy)phenyl)amino)-4-pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(4-methyl-2-(methyloxy)phenyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)carbamate;
- 2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;



- 393 -

2,6-dimethylphenyl 4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(4-(methyloxy)phenyl)ethyl)carbamate;

2,4,6-trimethylphenyl 2-(4-(methyloxy)phenyl)ethyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3,5-difluorophenyl)methyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

- 394 -

- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-difluorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-chloro-5-(trifluoromethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-

- 395 -

- piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2-chloro-5-(trifluoromethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl((5-chloro-2-methylphenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-((3-(4-(1-methylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;

- 396 -

- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((5-chloro-2-methylphenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((5-chloro-2-methylphenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((3R,5S)-3,4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-(((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-methylphenyl)methyl(2-((3-fluoro-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;
- 2,6-dimethylphenyl 3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 397 -

2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;

2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-difluorophenyl)methyl)carbamate;

2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-pyrimidinyl((2,5-difluorophenyl)methyl)carbamate;

2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (2,5-difluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-

- 398 -

pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,5-bis(trifluoromethyl)phenyl)methyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-bis(trifluoromethyl)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3-chlorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl (3,5-difluorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

(1S)-1-phenylethyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

(1S)-1-phenylethyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

(1S)-1-phenylethyl (3-(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

(1S)-1-phenylethyl 2-((4-(((2-

- 399 -

(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

(1S)-1-phenylethyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

(1S)-1-phenylethyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

(1S)-1-phenylethyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2,6-dimethylcyclohexyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2,6-dimethylcyclohexyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2,6-dimethylcyclohexyl (3-(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylcyclohexyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2,6-dimethylcyclohexyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2,6-dimethylcyclohexyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2,6-dimethylcyclohexyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl((3-(methyloxy)phenyl)methyl)carbamate;

2-(methylsulfanyl)phenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;

- 400 -

2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2-(methylsulfanyl)phenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;

2,4,6-trimethylphenyl (2-phenyl-1,3-thiazol-4-yl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;

2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;



- 401 -

- 2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl((2-phenyl-1,3-thiazol-4-yl)methyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-5-(trifluoromethyl)phenyl)methyl(2-((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (3-(2-((1-methylpropyl)amino)-2-oxoethyl)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2-chloro-3,6-difluorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 402 -

- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (2-chloro-3,6-difluorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(3-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(3-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(3-(3-(diethylamino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-fluoro-4-((3-(4-

- 403 -

methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methylamino)carbonyl)phenyl)amino)-4-pyrimidinyl(3-(3-(diethylamino)-3-oxopropyl)phenyl)carbamate;  
2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 3-(3-(diethylamino)-3-oxopropyl)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(((1-methylpropyl)amino)carbonyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(((1-methylpropyl)amino)carbonyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(((1-methylpropyl)amino)carbonyl)phenyl)carbamate;  
2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(((1-methylpropyl)amino)carbonyl)phenyl)carbamate;  
2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-fluoro-4-((3-(1-

- 404 -

piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 1,3-benzodioxol-5-ylmethyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3,4-difluorophenyl)methyl)carbamate;  
2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3,4-difluorophenyl)methyl)carbamate;  
2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl (3,4-difluorophenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

- 405 -

- 2,4,6-trimethylphenyl (6-fluoro-4H-1,3-benzodioxin-8-yl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (6-fluoro-4H-1,3-benzodioxin-8-yl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((6-fluoro-4H-1,3-benzodioxin-8-yl)methyl)carbamate;
- 2,4,6-trimethylphenyl (6-fluoro-4H-1,3-benzodioxin-8-yl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl((3-(1H-pyrazol-1-ylmethyl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methoxy)phenyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 406 -

- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 4-(3-(diethylamino)-2-methyl-3-oxopropyl)-2-(methyloxy)phenyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;

- 407 -

- 2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(3-((1-methylpropyl)amino)-3-oxopropyl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 2,6-dimethylphenyl 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl(2-(methyloxy)-4-(1H-pyrazol-1-yl)phenyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((2,5-bis(methyloxy)phenyl)methyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

- 408 -

4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;

4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

4-fluoro-2,6-dimethylphenyl (2,5-bis(methyloxy)phenyl)methyl(2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;

2,6-dimethylphenyl 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-((E)-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethenyl)-2-(methyloxy)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-((E)-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethenyl)-2-(methyloxy)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(4-((E)-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethenyl)-2-(methyloxy)phenyl)carbamate;

2,6-dimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl(4-((E)-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethenyl)-2-(methyloxy)phenyl)carbamate;

2,4,6-trimethylphenyl 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2,3-dihydro-1H-inden-1-yl)carbamate;

2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;

2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((4-(3,4-dimethyl-1-



- 409 -

piperazinyl)-3-fluorophenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,3-dihydro-1H-inden-1-yl(2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;  
2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;  
2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;  
2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;  
2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(1H-1,2,4-triazol-1-ylmethyl)phenyl)methyl)carbamate;  
2,4,6-trimethylphenyl 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl(2,3-dihydro-1,4-benzodioxin-6-ylmethyl)carbamate;  
2,4,6-trimethylphenyl 2,3-dihydro-1,4-benzodioxin-6-ylmethyl(2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2,3-dihydro-1,4-benzodioxin-6-ylmethyl(2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;  
2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl(2,3-dihydro-1,4-

- 410 -

- enzodioxin-6-ylmethyl)carbamate;
- 2,4,6-trimethylphenyl 2,3-dihydro-1,4-benzodioxin-6-ylmethyl(2-((3-fluoro-4-(((1-ethyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2,3-dihydro-1,4-benzodioxin-6-ylmethyl(2-((3-fluoro-4-((2-4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,5-bis(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((5-chloro-2-fluorophenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((2-(4-ethyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-(difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-chloro-4-(4-(1-ethylethyl)-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-(4-methyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-(((2-diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-(((4-((3-(4-(1-ethylethyl)-1-piperazinyl)propyl)oxy)-3-(methyloxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-(((4-(3,4-dimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-((3-fluoro-4-((3R,5S)-4,5-trimethyl-1-piperazinyl)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,4,6-trimethylphenyl (5-chloro-2-fluorophenyl)methyl(2-(((4-(2-(4-methyl-1-piperazinyl)ethyl)phenyl)amino)-4-pyrimidinyl)carbamate;

- 411 -

- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-  
 iperaziny)propyl)oxy)phenyl)amino)-4-pyrimidinyl((3-(5-methyl-1,2,4-  
 xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperaziny)-3-fluorophenyl)amino)-4-  
 yrimidinyl((3-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-  
 iperaziny)propyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(5-methyl-1,2,4-  
 xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(4-methyl-1-  
 iperaziny)propyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(5-methyl-1,2,4-  
 xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-  
 -pyrimidinyl((4-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl (4-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl(2-((3-((3-1-  
 iperidinyl)propyl)oxy)phenyl)amino)-4-pyrimidinyl)carbamate;
- 2,6-trimethylphenyl 2-((4-(((2-  
 diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-  
 yrimidinyl((4-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-  
 iperaziny)ethyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(5-methyl-1,2,4-  
 xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3-fluoro-4-(((1-methyl-3-  
 iperidinyl)methyl)oxy)phenyl)amino)-4-pyrimidinyl((4-(5-methyl-1,2,4-  
 xadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((4-(3,4-dimethyl-1-piperaziny)-3-fluorophenyl)amino)-4-  
 yrimidinyl((4-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)methyl)carbamate;
- 2,4,6-trimethylphenyl 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-  
 iperaziny)propyl)oxy)phenyl)amino)-4-pyrimidinyl((6-fluoro-4H-1,3-  
 enzodioxin-8-yl)methyl)carbamate;
- 1,1-dimethylethyl 2-(4-((5-(((2,6-dimethylphenyl)oxy)methyl)-2-((4-(1-  
 iperaziny)phenyl)amino)-4-pyrimidinyl)amino)phenyl)ethylcarbamate;
- 1,1-dimethylethyl 2-(4-((5-(((2,6-dimethylphenyl)oxy)methyl)-2-((3-(methyloxy)-4-

- 412 -

1-piperazinyl)phenyl)amino)-4-pyrimidinyl)amino)phenyl)ethylcarbamate;  
 2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-6-((1S)-1-  
 henylethyl)pyrimido[5',4':5,6]pyrimido[1,2-a]benzimidazol-5(6H)-one;  
 5-iodo-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-methyl-1-piperazinyl)phenyl)-2-  
 yrimidinamine;  
 5-(((2,6-dimethylphenyl)amino)methyl)-4-((2-(methyloxy)phenyl)oxy)-N-(3,4,5-  
 ris(methyloxy)phenyl)-2-pyrimidinamine;  
 N-(2,6-dimethylphenyl)-2,4-bis(phenylamino)-5-pyrimidinecarboxamide  
 (2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-  
 iperazinyl)propyl)oxy)phenyl)amino)-4-(phenylamino)-5-  
 yrimidinecarboxamide;  
 5-((E)-2-(2-chlorophenyl)ethenyl)-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-methyl-1-  
 iperazinyl)phenyl)-2-pyrimidinamine;  
 methyl (2E)-3-(4-((2-(methyloxy)phenyl)oxy)-2-((4-(4-methyl-1-  
 iperazinyl)phenyl)amino)-5-pyrimidinyl)-2-propenoate;  
 5-((Z)-2-(2-chlorophenyl)-1-fluoroethenyl)-4-((2-(methyloxy)phenyl)oxy)-N-(4-(4-  
 ethyl-1-piperazinyl)phenyl)-2-pyrimidinamine;  
 N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
 phenylamino)-5-pyrimidinecarboxamide;  
 N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-  
 iperidinyl)propyl)oxy)phenyl)amino)-4-(phenylamino)-5-  
 yrimidinecarboxamide;  
 N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
 phenylamino)-5-pyrimidinecarboxamide;  
 N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-  
 phenylamino)-5-pyrimidinecarboxamide;  
 2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-  
 imethylphenyl)-4-(phenylamino)-5-pyrimidinecarboxamide;  
 2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-  
 imethylphenyl)-4-(phenylamino)-5-pyrimidinecarboxamide;  
 2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-  
 imethylphenyl)-4-(phenylamino)-5-pyrimidinecarboxamide;

- 413 -

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-((1,1,2,2-tetrafluoroethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((2-(4-(phenylmethyl)-1-piperazinyl)ethyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-(1-naphthalenyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1S)-1-

- 414 -

methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-  
((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-  
oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-  
((2-(methyloxy)-4-(3-(((1S)-1-methylpropyl)amino)-3-  
oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-  
1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-  
propylphenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1H-  
imidazol-1-yl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-((aminocarbonyl)amino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-  
methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((3-((aminocarbonyl)amino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-  
((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-  
fluoro-4-((3-(1H-imidazol-1-yl)propyl)oxy)phenyl)amino)-5-  
pyrimidinecarboxamide;  
4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-  
(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-  
fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-  
pyrimidinecarboxamide;  
4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-  
fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-  
pyrimidinecarboxamide;  
4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-  
fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-  
(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

- 415 -

- 4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-((butyloxy)methyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-(2-(methyloxy)ethyl)-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(4-morpholinyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(4-morpholinyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(4-morpholinyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(acetylamino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 2-((4-(diethylamino)butyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- N-(2,6-dichlorophenyl)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 416 -

N-(2,6-dichlorophenyl)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(diethylamino)-2-oxoethyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;



- 417 -

- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-5-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-5-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-5-((1E)-3-oxo-3-((phenylmethyl)amino)-1-propenyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

- 418 -

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-((trifluoromethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(2-phenyl-4-pyrimidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(2-phenyl-4-pyrimidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(2-phenyl-4-pyrimidinyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(methyloxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-

- 420 -

dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-2-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((4-(1H-pyrrol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-

- 421 -

dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((3-(2-methyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-

- 422 -

piperazinyl)ethyl)oxy)phenyl)amino)-4-((3-(2-phenyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(2-phenyl-1,3-thiazol-4-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(1H-imidazol-1-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(diethylamino)butyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

- 423 -

- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-5-(3-oxo-3-((phenylmethyl)amino)propyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-2-(phenylamino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((2-hydroxypropyl)amino)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

- 424 -

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(4-morpholinyl)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-(1,1'-biphenyl-3-yloxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(4-morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(4-



- 425 -

morpholinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)ethyl)oxy)-2-(methyloxy)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-((2-(diethylamino)-2-oxoethyl)oxy)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-

- 426 -

((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((2-(ethyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

- 427 -

N-(2,6-dichlorophenyl)-4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dichlorophenyl)-4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(2-(dimethylamino)ethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((3-(1H-pyrazol-3-yl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-6-((4-(4-methyl-1-piperazinyl)phenyl)amino)-3-pyridinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-

- 428 -

pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

2-((3,5-bis(methyloxy)-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-((2-(4-methyl-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-(methyloxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-((difluoromethyl)oxy)-4-(4-methyl-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-chloro-4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((3-(acetyl amino)phenyl)oxy)-2-((4-(diethylamino)butyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((3-(acetyl amino)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

- 429 -

4-((2-chloro-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-((1-methylethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-

- 430 -

- 4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 4-((4-(4-(diethylamino)-4-oxobutyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(4-(diethylamino)-4-oxobutyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2-pyridinylmethyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2-pyridinylmethyl)-5-pyrimidinecarboxamide;
- 2-((3-chloro-4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-((1S)-1-phenylethyl)-5-pyrimidinecarboxamide;

- 431 -

- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-((1S)-1-phenylethyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(4-fluorophenyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(4-fluorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2-fluorophenyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2-fluorophenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;
- 4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-

- 432 -

piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-(((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-(((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-(((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;  
2-(((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(3-oxo-3-(1-pyrrolidinyl)propyl)phenyl)oxy)-2-((4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;  
2-(((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-



- 433 -

piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(4-methyl-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(diethylamino)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(diethylamino)ethyl)phenyl)oxy)-2-((4-(4-(3-(dimethylamino)propyl)-1-piperazinyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-propylphenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(ethyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-

- 434 -

2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

- 435 -

- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(((1-methylethyl)amino)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-

- 436 -

dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((cyclopentylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

4-((4-(2-(diethylamino)-2-oxoethyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

- 437 -

- 4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(3-(4-(1-methylethyl)-1-piperazinyl)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-

- 438 -

2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-((cyclopentylamino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(((1-methylethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-ethylimidazo[1,2-a]pyridin-8-yl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

- 439 -

- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-(4-morpholinylcarbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichloro-4-fluorophenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(2,6-dichloro-4-fluorophenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(4-fluoro-2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-N-(4-fluoro-2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-((5-methyl-3-isoxazolyl)methyl)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-((diethylamino)carbonyl)phenyl)oxy)-2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-N-((5-methyl-3-isoxazolyl)methyl)-5-pyrimidinecarboxamide;

- 440 -

- 4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-((diethylamino)carbonyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;
- 4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(3-((2-(methyloxy)ethyl)amino)-3-



- 441 -

oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-oxo-2-(1-pyrrolidinyl)ethyl)oxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

- 442 -

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(1-pyrrolidinylcarbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-oxo-2-(1-pyrrolidinyl)ethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-

- 443 -

dimethylphenyl)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-  
2-((3-fluoro-4-(((1-methyl-3-piperidiny)l)methyl)oxy)phenyl)amino)-5-  
pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-  
2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-  
pyrimidinecarboxamide;  
4-((2-chloro-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-  
2-((3-fluoro-4-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-  
pyrimidinecarboxamide;  
4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-  
dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-  
piperaziny)l)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
4-((2-chloro-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-N-(2,6-  
dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperaziny)l)-3-fluorophenyl)amino)-  
5-pyrimidinecarboxamide;  
4-((2-chloro-4-((4-(1-methylethyl)-1-piperaziny)l)carbonyl)phenyl)oxy)-N-(2,6-  
dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-  
piperaziny)l)ethyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-  
N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-  
oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-  
piperidiny)l)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-  
morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-  
oxoethyl)phenyl)oxy)-2-((3-((3-(1-piperidiny)l)propyl)oxy)phenyl)amino)-5-  
pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperaziny)l)propyl)oxy)phenyl)amino)-4-  
((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-  
oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-  
pyrimidinecarboxamide;

- 444 -

- 2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;
- 4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;
- 2-((4-(4-(1-methylethyl)-1-piperazinyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trimethylphenyl)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-((2-(4-morpholinyl)-2-oxoethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-oxo-2-(1-

- 445 -

pyrrolidinyl)ethyl)oxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-((3-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(2-(4-morpholinyl)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-

- 446 -

piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(2-((2-(methyloxy)ethyl)amino)-2-oxoethyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-oxo-1,2,3,4-tetrahydro-7-quinolinyloxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-

- 447 -

(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-(((4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-(((4-((4-(1-methylethyl)-1-piperazinyl)carbonyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-((3-(3-(diethylamino)-3-oxopropyl)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;  
4-((4-(3-(diethylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-(((4-(((2-(dimethylamino)ethyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-(((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(((4-(3-((1-methylethyl)amino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-5-pyrimidinecarboxamide;  
4-(((4-(3-(cyclopentylamino)-3-oxopropyl)-2-(methyloxy)phenyl)oxy)-2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;  
2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(((2-(methyloxy)-4-(3-((2-(methyloxy)ethyl)amino)-3-oxopropyl)phenyl)oxy)-5-pyrimidinecarboxamide;  
2-(((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-(((2-oxo-1,2,3,4-tetrahydro-7-quinolinyl)oxy)-5-pyrimidinecarboxamide;  
2-((3,4-bis(methyloxy)-5-((3-(4-methyl-1-piperazinyl)propyl)oxy)phenyl)amino)-4-

- 448 -

((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

4-((4-((diethylamino)carbonyl)-2-(ethyloxy)phenyl)oxy)-N-(2,6-dimethylphenyl)-2-((4-(3,4-dimethyl-1-piperaziny)-3-fluorophenyl)amino)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-2-((3-((3-(1-piperidiny)propyl)oxy)phenyl)amino)-5-pyrimidinecarboxamide;

2-((4-((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-N-(2,6-dimethylphenyl)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperaziny)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

N-(2,6-dimethylphenyl)-2-((3-fluoro-4-((1-methyl-3-piperidiny)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-((2-(methyloxy)ethyl)amino)carbonyl)phenyl)oxy)-5-pyrimidinecarboxamide;

2-((3-fluoro-4-((3-(4-methyl-1-piperaziny)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;

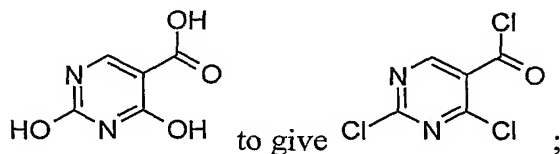


- 449 -

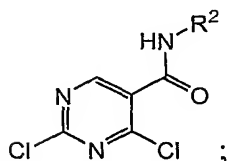
- 2-((3-fluoro-4-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;
- 4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-2-((3-((3-(1-piperidinyl)propyl)oxy)phenyl)amino)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;
- 2-((4-(((2-(diethylamino)ethyl)(methyl)amino)carbonyl)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;
- 2-((3-fluoro-4-((2-(4-(1-methylethyl)-1-piperazinyl)ethyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide;
- 2-((3-fluoro-4-(((1-methyl-3-piperidinyl)methyl)oxy)phenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide; and
- 2-((4-(3,4-dimethyl-1-piperazinyl)-3-fluorophenyl)amino)-4-((2-(methyloxy)-4-(3-(((1R)-1-methylpropyl)amino)-3-oxopropyl)phenyl)oxy)-N-(2,4,6-trifluorophenyl)-5-pyrimidinecarboxamide.

12. A method for making a compound according to Claim 1, comprising the steps of:

chloronating a compound having the structure

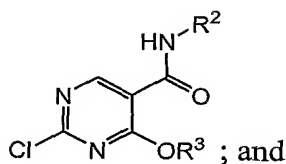


reacting the chloronated compound with  $R^2NH_2$  to give

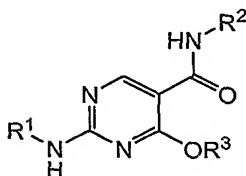


reacting the formed amide with  $R^3OH$  to give

- 450 -



reacting the formed ether with R<sup>1</sup>NH<sub>2</sub> to give



13. A pharmaceutical composition comprising a compound according any of Claims 1-11 and a pharmaceutically acceptable carrier.

14. A method of treatment of inflammation, comprising the step of administering a therapeutically-effective amount of a compound according to any of Claims 1-11.

15. A method of inhibition of T cell activation and proliferation in a mammal in need thereof, comprising the step of administering an therapeutically-effective amount of a compound according to any of Claims 1-11.

16. A method of treatment of arthritis, rheumatoid arthritis, psoriatic arthritis, or osteoarthritis in a mammal comprising administering a therapeutically-effective amount of a compound according to any of Claims 1-11.

17. A method of treatment of organ transplant, acute transplant or heterograft or homograft rejection, or transplantation tolerance induction in a mammal comprising administering a therapeutically-effective amount of a compound according to any of Claims 1-11.

18. A method of treatment of ischemic or reperfusion injury, myocardial infarction, or stroke in a mammal in need thereof, comprising administering a therapeutically-effective amount of a compound according to any of Claims 1-11.

- 451 -

19. A method of treatment of multiple sclerosis, inflammatory bowel disease, including ulcerative colitis, Crohn's disease, lupus, contact hypersensitivity, delayed-type hypersensitivity, and gluten-sensitive enteropathy, type 1 diabetes, psoriasis, contact dermatitis, Hashimoto's thyroiditis, Sjogren's syndrome, autoimmune hyperthyroidism, Addison's disease, autoimmune polyglandular disease, autoimmune alopecia, pernicious anemia, vitiligo, autoimmune hypopituatarism, Guillain-Barre syndrome, glomerulonephritis, serum sickness, urticaria, allergic diseases, asthma, hayfever, allergic rhinitis, scleraciema, mycosis fungoides, dermatomyositis, alopecia areata, chronic actinic dermatitis, eczema, Behcet's disease, Pustulosis palmoplantis, Pyoderma gangrenum, Sezary's syndrome, atopic dermatitis, systemic sclerosis, morphea or atopic dermatitis in a mammal comprising administering a therapeutically-effective amount of a compound according to any of Claims 1-11.

20. A method of treatment of colon carcinoma or thymoma in a mammal comprising administering a therapeutically-effective amount of a compound according to any of Claims 1-11.

21. The manufacture of a medicament comprising a compound according to any of Claims 1-11.

22. The manufacture of a medicament for the treatment of inflammation comprising a therapeutically-effective amount of a compound according to any of Claims 1-11.

23. The manufacture of a medicament for the inhibition of T cell activation and proliferation in a mammal in need thereof, comprising a therapeutically-effective amount of a compound according to any of Claims 1-11.

24. The manufacture of a medicament for the treatment of arthritis, rheumatoid arthritis, psoriatic arthritis, or osteoarthritis in a mammal comprising a therapeutically-effective amount of a compound according to any of Claims 1-11.

- 452 -

25. The manufacture of a medicament for the treatment of organ transplant, acute transplant or heterograft or homograft rejection, or transplantation tolerance induction in a mammal comprising a therapeutically-effective amount of a compound according to any of Claims 1-11.

26. The manufacture of a medicament for the treatment of ischemic or reperfusion injury, myocardial infarction, or stroke in a mammal in need thereof, comprising a therapeutically-effective amount of a compound according to any of Claims 1-11.

27. The manufacture of a medicament for the treatment of multiple sclerosis, inflammatory bowel disease, including ulcerative colitis, Crohn's disease, lupus, contact hypersensitivity, delayed-type hypersensitivity, and gluten-sensitive enteropathy, type 1 diabetes, psoriasis, contact dermatitis, Hashimoto's thyroiditis, Sjogren's syndrome, autoimmune hyperthyroidism, Addison's disease, autoimmune polyglandular disease, autoimmune alopecia, pernicious anemia, vitiligo, autoimmune hypopituitarism, Guillain-Barre syndrome, glomerulonephritis, serum sickness, urticaria, allergic diseases, asthma, hayfever, allergic rhinitis, scleroderma, mycosis fungoides, dermatomyositis, alopecia areata, chronic actinic dermatitis, eczema, Behcet's disease, Pustulosis palmoplantis, Pyoderma gangrenosum, Sezary's syndrome, atopic dermatitis, systemic sclerosis, morphea or atopic dermatitis in a mammal comprising a therapeutically-effective amount of a compound according to any of Claims 1-11.

28. The manufacture of a medicament for the treatment of colon carcinoma or thymoma in a mammal comprising a therapeutically-effective amount of a compound according to any of Claims 1-11.

# INTERNATIONAL SEARCH REPORT

National Application No

EP/US2004/020243

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/506 A61K31/505 C07D239/46 C07D239/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/39101 A (ASTRAZENECA UK LTD (UK)) 6 July 2000 (2000-07-06)  page 2, paragraph 1 page 57; example 7 claim 1	1-14, 16, 19-22, 24, 26-28
X	EP 1 277 741 A (TANABE SEIYAKU CO (JP)) 22 January 2003 (2003-01-22) claim 1; examples	1-13, 18, 19, 21, 27
X	JP 03 127790 A (MORISHITA PHARMACEUT CO LTD (JP)) 30 May 1991 (1991-05-30) abstract; claims; examples	1-13, 19, 21, 27
X	US 4 250 178 A (DELALANDE SA (FR)) 10 February 1981 (1981-02-10) claims; examples	1-13
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

19 November 2004

Date of mailing of the international search report

09/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Cortés, J

## INTERNATIONAL SEARCH REPORT

International Application No

T/US2004/020243

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/04429 A (ASTRAZENECA UK LTD (GB)) 17 January 2002 (2002-01-17) e.g. intermediates of examples 43-54, page 46, e.g. intermediates of methods 33-54, 68-78 and 81-94, pages 67-73 -----	1-12
X	US 3 845 055 A (CIBY GEIGY CORP (CH)) 29 October 1974 (1974-10-29) formula I, column 1 claims; examples -----	1-12
X	HIROKAWA ET AL.: "Synthesis and Structure-Affinity Relationships of Novel N-(1-Ethyl-4-methylhexahydro-1,4-diazepin- 6-yl)pyridine-3- carboxamides with Potent, Serotonin 5-HT <sub>3</sub> and Dopamine D <sub>2</sub> Receptor Antagonistic Activity" JOURNAL OF MEDICINAL CHEMISTRY, vol. 46, no. 5, 2 January 2003 (2003-01-02), pages 702-715, XP002306496 page 707; table 4; compound 66 -----	1-12
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1995, TERASHIMA, KOHJI ET AL: "Studies on antiulcer agents. II. Antiulcer properties of N-(1H-tetrazol-5-yl)-2-anilino-5-pyrimidin ecarboxamides inhibiting release of histamine from passively sensitized rat peritoneal mast cells" XP002306360 retrieved from STN Database accession no. 1995:731163 abstract & CHEMICAL & PHARMACEUTICAL BULLETIN , 43(6), 1042-4 CODEN: CPBTAL; ISSN: 0009-2363, 1995, ----- -/-	1-12

## INTERNATIONAL SEARCH REPORT

International Application No  
T/US2004/020243

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online!            CHEMICAL ABSTRACTS SERVICE, COLUMBUS,            OHIO, US; 1985,            KIM, DONG HAN: "Reactions of ethyl            4-chloro-5-pyrimidinecarboxylates with            2-aminopyridine. Synthesis of            5H-pyrido'1,2-a!pyrimido'5,4-            e!pyrimidin-5-ones and            5H-pyrido'1,2-a!pyrimido'4,5-d!pyrimidin-5            - ones and rearrangement of the former to            the latter"            XP002306361            retrieved from STN            Database accession no. 1985:487832            abstract            &amp; JOURNAL OF HETEROCYCLIC CHEMISTRY ,            22(1), 173-6 CODEN: JHTCAD; ISSN:            0022-152X, 1985,</p>	1-12
X	<p>DATABASE CA 'Online!            CHEMICAL ABSTRACTS SERVICE, COLUMBUS,            OHIO, US; 1982,            DOSTERT, P. ET AL: "Studies on the            neuroleptic benzamides. I. Synthesis and            antidopaminergic properties of new            pyrimidine derivatives"            XP002306362            retrieved from STN            Database accession no. 1983:72039            abstract            &amp; EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY            , 17(5), 437-44 CODEN: EJMCA5; ISSN:            0009-4374, 1982,</p>	1-12
X	<p>WO 03/032997 A (BOEHRINGER INGELHEIM INT            GMBH (DE)) 24 April 2003 (2003-04-24)            page 2, line 17 - line 18            page 2, line 28 - page 3, line 10            claim 1</p>	1-28
X	<p>WO 03/002544 A (SQUIBB BRISTOL MYERS CO            (US)) 9 January 2003 (2003-01-09)            page 1, paragraph 2            claim 1</p>	1-28
X	<p>EP 1 184 376 A (YAMANOUCHI PHARMA CO LTD            (JP)) 6 March 2002 (2002-03-06)            paragraphs '0001!, '0005!, '0008!            paragraphs '0051!, '0066!            claim 1</p>	1-28
X	<p>EP 1 054 004 A (YAMANOUCHI PHARMA CO LTD            (JP)) 22 November 2000 (2000-11-22)            paragraphs '0001!, '0004!, '0008!            paragraphs '0070!, '0072!</p>	1-28
	-/--	

# INTERNATIONAL SEARCH REPORT

International Application No  
T/US2004/020243

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2004/002964 A (YAMANOUCHI PHARMA CO LTD (JP)) 8 January 2004 (2004-01-08) claim 1; examples -----	1-13,19, 21,27
P,X	WO 03/063794 A (RIGEL PHARMACEUTICALS INC (US)) 7 August 2003 (2003-08-07) claims -----	1-28
E	WO 2004/054617 A (KYOWA HAKKO KOGYO KK (JP)) 1 July 2004 (2004-07-01) claim 1; examples -----	1-13,19, 21,27



## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2004/020243

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 14-20 are directed to a method of treatment of the humanbody, the search has been carried out and based on the alleged effects of the compounds.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PT/US2004/020243

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0039101	A	06-07-2000	AT 277020 T	15-10-2004
			AU 763091 B2	10-07-2003
			AU 1874300 A	31-07-2000
			BR 9916590 A	23-10-2001
			CA 2352896 A1	06-07-2000
			CN 1335838 T	13-02-2002
			DE 69920509 D1	28-10-2004
			EP 1140860 A1	10-10-2001
			WO 0039101 A1	06-07-2000
			JP 2002533446 T	08-10-2002
			NO 20013038 A	22-08-2001
			NZ 512118 A	29-08-2003
			US 6593326 B1	15-07-2003
			ZA 200104413 A	29-08-2002
EP 1277741	A	22-01-2003	AU 4114201 A	12-11-2001
			CA 2407231 A1	23-10-2002
			EP 1277741 A1	22-01-2003
			MX PA02010693 A	10-03-2003
			NZ 522217 A	30-04-2004
			US 2003229089 A1	11-12-2003
			AU 767558 B2	13-11-2003
			AU 7311800 A	17-04-2001
			BG 106566 A	28-02-2003
			BR 0014526 A	18-06-2002
			CA 2383466 A1	22-03-2001
			CN 1374953 T	16-10-2002
			CN 1440393 T	03-09-2003
			EP 1219609 A1	03-07-2002
			HU 0202795 A2	28-02-2003
			WO 0119802 A1	22-03-2001
			WO 0183460 A1	08-11-2001
			JP 2002012587 A	15-01-2002
			NO 20021308 A	24-04-2002
			RU 2233273 C2	27-07-2004
			TR 200200701 T2	21-06-2002
			US 2003229095 A1	11-12-2003
			US 2004142930 A1	22-07-2004
			US 2003032647 A1	13-02-2003
JP 3127790	A	30-05-1991	NONE	
US 4250178	A	10-02-1981	FR 2417506 A1	14-09-1979
			FR 2457286 A2	19-12-1980
			AU 526298 B2	06-01-1983
			AU 4439279 A	19-07-1979
			BE 874266 A1	20-08-1979
			CA 1096868 A1	03-03-1981
			CH 639078 A5	31-10-1983
			DE 2906461 A1	23-08-1979
			ES 477852 A1	01-08-1979
			GB 2014984 A ,B	05-09-1979
			GR 66581 A1	27-03-1981
			IT 1113438 B	20-01-1986
			JP 54130585 A	09-10-1979
			LU 80937 A1	29-10-1979
			MX 6332 E	15-04-1985
			NL 7901333 A	23-08-1979

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
T/US2004/020243

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4250178	A		SE 446450 B SE 7901493 A ZA 7900631 A	15-09-1986 22-08-1979 28-05-1980
WO 0204429	A	17-01-2002	AU 6931701 A BG 107451 A BR 0112420 A CA 2415486 A1 CN 1454210 T CZ 20030076 A3 EE 200300020 A EP 1303496 A1 WO 0204429 A1 HU 0301722 A2 JP 2004502763 T NO 20030146 A NZ 523357 A PL 360385 A1 SK 282003 A3 US 2003216406 A1	21-01-2002 30-09-2003 24-06-2003 17-01-2002 05-11-2003 16-04-2003 15-10-2004 23-04-2003 17-01-2002 29-12-2003 29-01-2004 10-01-2003 30-07-2004 06-09-2004 01-07-2003 20-11-2003
US 3845055	A	29-10-1974	CH 549339 A DE 2222729 A1 FR 2139411 A5 IL 39346 A IT 955414 B JP 55016142 B NL 7206347 A	31-05-1974 16-11-1972 05-01-1973 25-04-1975 29-09-1973 30-04-1980 14-11-1972
WO 03032997	A	24-04-2003	CA 2463989 A1 WO 03032997 A1 EP 1438053 A1 US 2003171359 A1	24-04-2003 24-04-2003 21-07-2004 11-09-2003
WO 03002544	A	09-01-2003	CA 2451128 A1 EP 1406875 A1 WO 03002544 A1 US 2003139435 A1	09-01-2003 14-04-2004 09-01-2003 24-07-2003
EP 1184376	A	06-03-2002	AU 5107900 A EP 1184376 A1 US 6797706 B1 WO 0075113 A1 JP 2001055378 A	28-12-2000 06-03-2002 28-09-2004 14-12-2000 27-02-2001
EP 1054004	A	22-11-2000	AU 1507199 A EP 1054004 A1 US 6432963 B1 WO 9931073 A1	05-07-1999 22-11-2000 13-08-2002 24-06-1999
WO 2004002964	A	08-01-2004	WO 2004002964 A1	08-01-2004
WO 03063794	A	07-08-2003	CA 2474277 A1 EP 1471915 A2 WO 03063794 A2 US 2004029902 A1 EP 1468510 A2 EP 1468511 A2	07-08-2003 03-11-2004 07-08-2003 12-02-2004 20-10-2004 20-10-2004

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

T/US2004/020243

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03063794	A	EP 1467646 A1	20-10-2004
		WO 03063333 A1	31-07-2003
		WO 03061449 A1	31-07-2003
		WO 03063390 A2	31-07-2003
		WO 03063391 A2	31-07-2003
		US 2003137264 A1	24-07-2003
		US 2003137263 A1	24-07-2003
		US 2003142982 A1	31-07-2003
		US 2003170033 A1	11-09-2003
		WO 2004014382 A1	19-02-2004
WO 2004054617	A	01-07-2004	WO 2004054617 A1
			01-07-2004